


Bounty Bobw returns in this new and exciting follow-up adventure to Miner 2049er. This time around its even: tougher than before and Bob needs your help more than ever to guide him through the mine. The mutant organisms have multiplied and over-run the mine entirely, making it extremely difficult to survive the hamasd of the underground passageways. Using the high-powered special equipment in the twenty-five new caverns is Bobls only hope of achieving his objective of securing the mine and defealing the plans of the evil Yukon Yohan!


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## Rockford's Riot

sieling follews up fo the amazing Boulee Reash complete with Zaad's favournte hiers

## ZZAP-SECTIONS

5 CD
The boss's baring lener, plus the angry column and silly facts aboul EW
(6) RAP

Vour lefters inclusting moth. erimubble, and more mimi rayes.

14 FLASH
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54 TIPS
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90 CMALLENGE
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94. MiNTE

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Strangeloop
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You can wirthis gret rovize whit suine E800 simply by sending us B hot tin परा an Aralasplt game

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The impressive range of $\mathrm{ed}_{\text {solf- }}$ Where frem Virgut will go to 20 peogles who carl matath ure piguree

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If vou can use your skills at Elite to ineqwer six tough questions, you could will a specially-5ermmissionea Zzam/Finebrditraphy

## 100

## Gribblies

Yes, we're giving away a ton of Gribbly's Day Out, the sizzling new game from Hewson Consulfants.

NEXT I55LE GN SALE JULY 11H - GET IT?

## JULY SPECIALS

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## Birth of Paradroid

Dlary of the progranmer whio's devaloping tite big new garae from Hewson Consullarits

## 54 <br> Airwolf map

At list you'll know whene io find all five soenvists - and our playing guicte ceverals hiow you ges them

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Entire game mapped out, plas Gary Penr's detailed tips anda is volucher ail the pricent the game

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 arcade honanzaQut Hosi-ithtere of the Bert man Versinum from the all smamu an fascing चin ap mathins

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We piay off Colossur mess agairst Mpchess if in tha batte al the 64 chivquer boand viants

## Z2AP.TESTS


 ThorTiche



Empire-ruling triurnvirate
Oliver Frey, Franco Frey, Roger
Kean

## Zap Ed

Chris Anderson
Ed's sidekick
Bob Wade
Sidekick's sidekicks
Gary Penn, Julian Rignall
A very nice person
Lucy Anderson
Big production chief
David Western
Production minions
Gordon Druce, Matthew Uffindell
Adman's contact
John Edwards
Male order
Carol Kinsey
Girl with 3000 subscribers
Denise Roberts

Editorial hovel for reviews, news, comps, gilts, atc)
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Now fore a really juicy bit of gossip. . . fiber you cant guess where Jeff Minter and his cuddly roy camel go ever Thursday, eveninglil You con'l? OK I cant either, but having got your attention reading this otherwise totally tedious part of the magarne, can lust point out that every bor of
this monthly publications fever th is bit right here) is the copyright of our grassland flor pus publishers Newsfiald Led. So you re not allowed ra Xerox it, crib snippets from it orcopy il in any ocher devious way you care to thinks of without our permission. Got it? OK, OK, so ifs not tunny - just you try writing these http fiddly lis...
(6) 1985 Newsfield Limited

Cover by

## Angry Spot

Wanna know what drives me completely and utterly
INSANE? It, INSANE? It's people land magazines) who shout their heads off saying that the Commodore D. is a dying machine.
DYING? ? ? 1?!1pilfask DYING? ? ? 1 ? ! 1 ? ! ask you!

OK, so Commodore have been behaving these last few months like a bunch of mentally deficient ARMAD/LLOES, intro. ducing JUNKY machines, and BUNELING their pricing policies, with the result that even sales of the 64 have been affected. But let's. keep things in perspective, shall we??

Juglged by its software, the 64 is still BY FAR AND AWAY the World's greatest entertainment machine. VAST numbers of ever-more-amazing programs are being written for it and will go on being written for it.
With 90 much going for it, it CAIME ONLY be A MATTER OF TIME before Commodore patch up their relationship with the shops and get the machine selling again in huge quantities. And when the happens. And when that happens the
SCARE-MONGERERS are going to look like a bunch of halfbrained, Amstrad-owning WIMPS who deserve to have

## Hey, you could win something!

A lot of people never bother entbring competitions. thinking that they stand only a miniscule chance of winning. I reckon they should try the following callulation.

This picture shows the resparse to four of the competitions in our first issue - they produced a total of just under 7,000 entries: That's a lot compared to many other mags, and yet you should bear in mind that there were over 200 prizes to be worn.
That means that in a single, typcal Zap competition the odds
against you winning might be very roughly 30 to 1 (although obviously this varies enormously from competition to competition - some have fewer, but juicier, prizes, some are much more difficult to enter, so the number of entries is considerably smaller.) Those odds are actually not that bad, For example if you entered every $Z a s p$ competition for a year (a total of maybe 50 compelitions) the chances work out at you being an 80 percent favourite to win at least one prize!
Come now, that cant be bard

## Detective plays detective

Gary Penn and Julian Rionat! haven"t exactly raved about the new Rockford's Riot in their commints this month, however I note that it did succeed in keeping them playing in the office until Sam one night. This led to another of those entertaining confrontations with police officers for which this mag is becoming famous:
OFFICER: What's in that bag?' PENN: 'My computer.'
OFFICER: What were you doing in that office at thistime of night?


PENN: 'Testing computer games. We work for a magazine.' OFFICER: 'Got any tips on Sherlock? I'm completely stuck.'


## Your letters to us, plus the ed's idiotic replies


#### Abstract

I've been so busy drowning in sacks of mail this month I haven't had time to do any work on the mag itself, so goodness knows what those dreadful reviewers have been up to. Never mind, you've kept me smiling with your insane scribblings, and I'm proud to award another three games from our lucky dip to worthy authors.

One kind of letter which ISNT going to win any games are those which rant on for ages knocking other machines. Had rather a lot of those recently owing to a certain letter I printed as a joke last month . . . they do get just a teensy-weensy bit boring after a bit, people. Especially as we all KNOW the 64's the greatest. For all other types of letter the address to write to is: Chris Anderson, Zzapl 64, 1 Church Terrace, Yeovil, Somerset BA20 1HX


## A snip at E50b <br> Bys Earthlinge

lifow Hace sat technmloay tor inthe thas olkerlimer Alter Tramise il ritamoth thave wrib felly ite mout edd Etiven gance equet to ko theanters miown anter vout ribinel givith liwe gitrie is Eflied Marin Afils and luns sonsaming Pevehouvirtabs
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Pe, This fottor whit turume ent gulten in flames in the fext rave spromity
 mon we vallenderf for yow win se finghtoy vomithithe

## Forget fast-loaders <br> Dear Zzapl 64

My pet gerbil's name is Fred. He spends half his time sleeping and the other half biting my finger.

Seriously though, i have a few comments to make on your reviews. First; why not include a 'difficulty' rating? tt 's useful to know what level of skill a game

requires. Secondly, why not start a 'Playback' section and review some of the older 64 games compared to modern releases, eg. Beach Head. (We can't let that CRASH crowd outdo us!)

I've had a lot of trouble with some of these fast-loading games recently. I don't think it's just the C 2 N at fault here as I've been to the shop to replace it three times! I think it's about time that software houses and programmers got to hear the custorner's view on fast-loaders. OK, the software houses have to protect their games from piracy. 1 accept that. BUT they have no right to do this by lowering the quality of the games they sell to their honest customers. Fastloaders are far more unreliable than normal tapes - I have to load a Pavioda garne two or three times before it loads properly. Even Commodore and Hairy Minter agree! So come on software houses, stop fastloaders.

Thanks for a brill mag.

## Noor <br> Mirza, Streatham.

 London.What? You're telling me that you enjoy waiting 20 minutes for a game to load? My own feeling is that software houses should include two versions on each cassette, one with the fastloaders, one without. This would alliow people with iffy cassette plavers something to fall back on. but wouldn't send the rest of us to sleep while our programs load.

## Beeb owner <br> rave shock

Pear cluis,
1 bought vour magarane 60 pasa the timid on a train joumiey I uxpacted a pretay goad mag arines But I was wirng. Wow was stensatiamal. I reslly emiayerd
 awners will love it

Ah. you ingught flall one No I Owis a BEC moctol B. buf thal Fraing vour garnes l'm thisking of changing. Now, is ger fo the poink of this lecter. I weas wendering whother you h new any VER quod ativenture programe Fo: The fieals. If no pleasts mould you tein me Koap wo the laritiba वbtwo woikl
Jomathan Moss, EastloEgh Hants.

Framily, I shourat yo amead and
 aroys bent in gel mast al fermos whimasy tell servaberact ofl thy memory sturved seed Heny eyer the wimfliedired bevel hawe bnen tounc aric verefons ofihoir encellonk an'mmiurva

## And Atari too ...d

It ilist to nappeng that I cuwey on Atali $4+0$ नint not a Gammisalisit but I thimk rou'll lind that many of ua will avidly rean Prapl ह4 ir ther mbsence of cole ownt tortho Fred ming Morth asf whlai you shy apglies to us aryway
Chners.
Andy fice, Fulboum. Gambs


And another thing Deaichris
How -thoin having 9 verelorn gailed Zespl Th op in whimh vou examine abe nany nuw rgdmes os is rosaibin of imaticetinat coms unden a matifeutiar hendime to strarts simuiation, fligit simu sition. treajevadenturn ete You could gouk them untu ctove. hest to warkat shagemg of the Worst ontas anw is alving Iliollesel ones, foumally csmpaning ther groad and bad nolinta Maybe your rotud otain moxe sutrnest ions as ro haw fimpre anes हolife bes meromyed
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On the figa parce wive a simpen whistogiraph of the nem cs thing
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Youstamed at the bepmummat gyan fitst ussule ihal vour mang ocincerm is है motewnem fina that harriverere taly wess bus I hopes Rais dags not inchods iayerides.
 no stie larmer jovntides avaliatife firyour niswe figsh medtan Anthony Whivte, Sution Coldfierd. West Midlands
PS I Ainf will worntarnm wheinta Fiaving boll, Hoolatiliay inla Caskilizity math is really nocari Faly: MGG matle do with leswng (ImeretI, amit thar rasmal sont. ents nurcfit be in thelua midemer for consuleming

Hang ow You forgot t6 com mury un we eige of the dots sue cisn on midt is


> A crummy poem Dear Sir,
> For ages and ages, I read throughthe pages Of the mags for the 64 .
> Though sadly, alas,
> They were all full of trash. Hints that were such a bore: But now at long last All that's in the past, Now that l've purchased Zzapl $64!$
> Kevin Wilkinson, Sheflield

A lucky dip LETTER-BOMS for the next bad bit of 'poelfy' we receive

## $\pi$

## It's big bad parent trubble . . .

## Dear Zrap! 64

I write to you concerning your 'Mother Trubble' item. Spurred on by the reward for the most touching tale of maternal persecution", I will now tell my tale of woe.
It concems not my Mother, but my Father. I was playing 'Impossible Mission' and by my standards was doing very well. 1 had all 36 code pieces and already completed 3 letters of the pass word.
Feverish with anticipation, I searched for the next 'punched card' when Zzap! (sorry) . . .My Dad TURNED IT OFFI
This did not go down too well with me, as I had never been anywhere near completing the game before.
Robert Cerdran. Colchester. Essex.
PS The mag is great and 1 am giving up buying C\&VG to subscribe to you!

## Q Great master Chris,

1 beg of you, please spare a moment of your important time, to help me in my desparate plight. I have the worst kind of Mother Trubble imaginable: Not arly does she turn off my 64 when 1 am playing my games in her bedroom. I cannot get a game in edgeways. If that isn't bad enough, she can beat me on every game lownl

Please Masterful Master, send me a new game, with a letter forbidding her to play it and I will be your everlasting servant.
Yours desperatelv.
Martin Haynes, Bude, Cornwall.
NO WAY creepie-knicks It

Well Hil
Here was I with supposed chicken pox. Then my sister returned with Zzapl 64 and a bunch of grapes.

My first impression was 'What a daft name for a computer magazine, Nnapl 64' (Jokel!) But WOW, all the reviews!!
1 flicked through the pages with great interest and glanced at the ratings. What surprised me was the bulkiness of Zzap! 64, untike other 64 mags.
Anyway my boyfriend came and was (being a Vic 20 owner) duly impressed and kept rabbiting on about getting a copy of Zzap! 64. Then I had to read it, well flick through it again while Nick (that's his name) gave off comments like, 'Brill, no Amst-
rads, Elite for the 64, must get that when I get my 64:
Is Chris Anderson that young?' lasked.
Then I found my eleven year old sister reading Zzap! 64. The last time she read something was ... I can't remember, maybe she's never read anything else.
The mention of mother trubble, Huh! Yesterday ol' Dad, who rates computers as much as he rates ringworm or potato blight (he's a farmer) spent yesterday trying to jump off ropes in Quo Vadis. I didn'i get a look in.
But the mag is great, almost as great as the computer page I write for the school mag.
Sarah Teasdale (Miss) (13 yrs), Doncaster, S Yorks.
PS I enly have one sister, thank God.
PPS is there anyone else who hasn't mastered Impossible Mission?
CFunny you should ask . . .

The lights were low. The moon shone down onto my joystick as I was searching for the last puzzle piece to complete Impossible Mission. People everywhere in the World were relying on me to save them from the evil mind of Elvin. Ahal I've found it! Now I've completed the puzze, all that remains to be done is to find the control room.
I was lucky, it was two roorns away. I was just about to enter the control room thus saving the terrified world when a head peered round the door and said 'Jarniel How many times have I told you to hang up your coat up when you come in. DO IT NOW. BOY!
Oh nol Only a minute to go in the game as welll I went downstairs to do my job. I rushed upstairs, only to find the computer laughing at me.... The world was doomed. I could sense screams of fear from all sorts of different countries. The destruction of the world had begun. Why, oh why did my mother have to do this to our planet? 1 was very, very sad,
Jamie Phillips, Gosforth, Newcastle upon Tyne.


OK Jamie, you win the promised Mother Trubble cassette. Imean sacrificing earth was just toc evil of her. I reach into the sack and come up with ... Gribbly's Day Out! Don't let Mumat it.

## ... and big bad family trubble

## Dear Chris, <br> Congratulations to Zespl 64 ins just what I needed because

I'm a Mother with two horrid boys.
(No, they're not always our pride and jovs)
When I'm on a screen where no-one has been.
I'm pushed offand toid 'Don't be mean.
This may come as quite a surprise.
(And) promiselm telling no lies!)
That I'm zapping all day till tha light fardes awav
So I'Il still stay the best come what may.
I get good his scores and I beat THEM by far.
But thev turn on me shouting. 'Hah' Hah'
Wust wait for a while, 'they sneer with a smile,
And we'll prove we re the best by a mile.
I must not buy too many games,
Or my husband will call me rude names
Bet now that 've ordered your Zzapl 64
There's nothing can stop me - IT'S WARI!


Beryl Waters, Solihuil, West Midlands.
I reckon that's worth the tape / promised for the most harrassed Mum. Nice one, Beryl

## We're the Vic <br> Busters!

Bogtriny colleguies and f wound the exdmemrily phesased if pous waulit sexcomes sh nanoraty mentiber al ulis Vis Bustame Plense 6mri tive entiosed trasgi os $\Delta$ gin 10 shaw your mamber saif In Ee a Vic Bugier all you have in to is lafiow thase rwe simpiernsters
7. Upun seetho a Vic 20 one must atemnt fave it as a doen mat the stamp on iti) While vou ard daiftg tivit pais must be haviou fivslut ic alld shen fimatify incaw it vut the kemogne
2. Upon seaing a Yig ZQ user dine Eries balk in a douel valen to voir thend rocur Vio 20 graphice Thaw tewitice they freh Vie 20 sominat lSpedariun sainds betei har thel and Vie 20 memon (the alphir lack alit).

We hops you will wase the hatipl at all times.
Yrure hogafuly
The Yic tilisten (Daminie and Weril, Southisou, fients.


Werman wim flow yop oinefa be Q-vrum irimige wont procresser F an the T ppper on the sereevio

## Saying it right <br> Dear Zzap,

Congratulations on a great mag. I think the whole layout just brilliant, But here's a few ideas.

Can we have more reviewers please - just three isn't enough.

Instead of selling software in Zzap (how do you pronounce that word anyway?) why not sell merchandise of the software houses? for instance badges; stickers, posters, ete. It's good advertising for the companies concerned and you could make a few quid too.

Instead of having the Minter column why not call it Programmers' Farum. And different programmers could air their views an subjects they find should or shouldn't be in the computer industry.
Matthew Summerson, Teddlington, Middx.

Himmmmmm, not too sure that would work - most program mers can't write for toffee - at least not words, only programs. As for having more reviewers that's absolutely out of the question. The three J've got give far too much trouble as it is. The pronunciation of Zrap? - well, I think the following letter may give you the rightides.

## Dear Ed!

 (no l'm not asleepl) zzzzzzzzzzzz-
 zzzzz (boy, my arm's getting sleepy) zzzzzzzzzuzzzzzzzAP! ! I! (What else can you say?)
Yours Zzapfully.
K Yamin, Croydon, Surrey.
That's exactly it. To get the name right. you have to start quietly and work up to a kind of crescendo. Makes your newsagent's hair stand an end.

## Free Micronet plug sir.

Lukend the first legue, lociks like you've gat vourseff a winner Esprecially goad to rise Jetr Minder writing a columi far you as ha's rolstaced Io saly whitite thinks.
Jeff's righe atou the distributorg and his solutions make sonse. However, Joff and mank Githet solfware houses liaye lound out the henelils at distrio Ufing their software houseeselectranically via Micnaniel or even Compunet there I mentionted the campetrigit

For the prion ol al cabseites softwere housme tan mall theil pioducis to triouzunds af buy PIs. and pur members konent tramy geminy sotwware at dis corumt prigers.
Keep up the goout wark
Priil Godsell. Mierponst seo, Londar

## Gone off Super Huey

Iread your review of Super Huey with interest, having bought the program twa weeks before your magazine. It first playing the game Lregarded it with the same enthusiasm as your test team: great 'chokka-chokka' sound effacts, suitably cluttered control panel (1'm fond of flight simulators), good 3D ground effects, etc. But aftera while, Icame down to earth, so to speak Of the four scenarios, fwo (Solo Flight, Exploration) soon became boring and Combat gets frustrating when you have been shot down at random for the nth time as soon as an enemy helicopter has appeared. But it is the Rescue scenario that is the most puzzling, as it seems to be impossible to complete!
The way it seems to work is this: if you fly above 120 ft you will always crash attempting to land, but if you fly at less than 120 ft then you can't get through the mountains. There are a few


## A pompous gentleman writes

 Dear Mr Andersor.It is with gleat displeasure that Iam forced into writing to you. When I had heard the whis. pers that abounded batora the artival of Zzapl 641 was quite eager to intercepta copy as soon as my newsagent obtained his set amount Whan the moment finally a rrived inimediataly pur: chased the nearest copy and proceeded to flick through the pages of this revolutionary magazne what found, how. ever. was an extrimely poor excuge mie WoW. Dad's Writing to Zxap! Cor look what he 's sayin', Oave, he's savin' it's rubbish! Well, its ace, megafibb, zipping . oops! he s corming back ...) da beg your pardon, one of the public servants had a silght query over the milk payments. I will continue Zzapl 64 is an example of a very pootly designed garmes magazine which has none of the interesting stimulating projects such as puting the compurer in control over the cat flap that I expected This is most disap pointing (RING - AING)
There. he's on the phone: Woll I warted to write to you, but I can't spel Anyway, Zaps really ace vknow, all the detailed reviews ofe and all my mates luy it. Thank ceaven there's no type in listings cos theyre " IF 1 " and never work and I really think that this mag'll work cos its got all right stuft in it and not pime like another mag ( know with 4

words in its thles that lives at a place called Priory Court wherever that is, anway I was sny
Thank you for your patience, it is well appregiated and will not be abused. A further complaint is that there are no type-in listings Although as you have slated they do not sometimes work, it is a great challenge to get them to work and very educ. ational- excuse me again, my copies of the Guardian, Tele graph and Financial Times have (ust arrived.
I hope you will take my criticisms to heart and perhaps tâke a leaf out of such oxcellent magazines as 'Electranics and Corrputing: Computer and Video Games' and 'Readers Digest, This would be greatly pppreciated and would cartainly improve vour production no end.
Mr Philip Knee, Bohton.
Dear Mr Kneejert / arn delighted to discover your enlightened and sober reasing hatirs. May also recommend the Erixish Medical,Journal, the Yeovil Tele phone directory and Commodore User. Sample copies endosed Also a piese of sofaware for ithar nesty son of yours to stop him messimg around with vour type-writer
other points, why does the DST command (distance from take off point) act so erratically? And why can you never drop a homing beacon? Is it me, or is the program flawed? Oh well, it's back to Combat Lynx. Much more dependable than those American machines.
Giles Collinge, Hebdon Bridge, W Yorks

## The guys here are most puzzled

 by your letter. They tell me the secret on combat is to KEEP LOW. Provided you have a nitty trigger finger, you should be able to shoot down lots of enemy helicopters, Failing that you could try the horning missiles. Admittedly the guys haven't yet completed the rescue mission, partly because our copy has been nicked by orie of those greedy reviewers on our sister magazine CRASH. What we'll do is print some detailed tips on Super Huey as soon as possible. Well, as soon as we get the tape back. We're still firmly of the opinion it's a better helicopter simulator than Combat Lynx.

## lown a Spectrum <br> arat Z2abl है।

Elogh but swee Greal raywhe but avald- wausting strice by insuting Speetrum meram $\rightarrow$ remambel whin CPast Goes - mind Mse il ta geana ure On whe roviews side = gopd hevi leve hut had favout - yor pathe perames fraight, could vou, in stent of fabing them deroas ithe pegs Mlso the rating system: vary gion bul the laar valices ab thoc realiy rie shythirg and weste swace, is bit inore collotir in the pictarea vould giso holp as wol Ats mom claricy in the black siou whate Dichures foulow CRASHES theches of using a Cub frimer Cflelasmany pidureacreday of blocreal. Plaasa usa prover sur toan stvie sheech huabiar of well - if woila mate the ayomill appratelncet neoter and rasily eandition
A Spectrum/84 nwner, Stephen A Graham, Carlisto, Cumbria.

Ercies in seim one wore ioutood Brety grumuty. hiviog been Loker of a TV. nuyoge ma stight wimint shocage of equament Femmiry yau noree they renow portresoad bringenappertoffs Cominortore morisor 48 lor Yout riest paine you must br gove rethso ivat 1 woultar drumotentiching amy more anll Simatinum mataring.


CHALLENGING SDFTIUAFEE

EHE PHESTDVECTUEE GAME WHFDUTEXT

$\square$
 zosinsipot Mhath =

## $-1$







CIFADOWFIBE IS AVAI ABIL ENOW FHOMBETIET FODTWARE DEAI निASEVFRYWWMRE
MAI CRDEREBE YOND GOMPETHOMHIOUEEL
FARIDONROAD MARIKETHARIBOROVOH



Elite-the ultimate, award-winning space challenge.

Once the privilege of BBC and Electron owners, Elite now takes a giant leap forward onto the COMMODORE 64. (There'll be versions for the 48 K Spectrum and Amstrad soon).

## OUT IN DEEP SPACE, THESE REVIEWERS FACED THER TOUGHEST TEST:

Already tested by the intrepid explorers of the Commodore press, here - breathlesslyare just a few words from their advance battle reports.
"The Final Frontier?"
(Mega Game, Your 64, June 1985).
"My favourite... as absorbing and challenging as the original."
(Commodore Horizons, June 1985).
"To explain every element of Elite would take a book... you'll run out of energy long before Elite runs out of things to show you."
(Commodore Computing International, June 1985).
"A brilliant game of blasting and trading... truly a mega-game...the game of a lifetime."
(Gold Medal Award, Zzap! 64, May 1985).


FIREBIRD SOFTWARE WELLINGTON HOUSE UPPER ST MARTIN'SLANE LONDON WC2H 9DL

## My adventurous budgie

Dear Chris,
On reading your few paragraphs in Zeap! 64 entitled 'The Zzinglest Letters page in town: I saw the word 'guinea pig'. Now who in their right mind would write to a top computer magazine about their pet guinea pig? This brought me to think about my pet budgie who is called Bibo. Well, about one and a half vears agol taught him to speak. Now, me being interested in adventure games told him adventure talk, eg. N.S,E,W, Kill, pick up, go to, etc,

One day when I was playing Iwin kingdom Valley I came across an enemy. Me, being an inexperienced adventurer then dion't know what to do, Whether to go back or to stand and fight him. Then Bibo went and squawked 'Kill', so I stood my ground and killed him. What pot luck. I searched him and found money and food. That day he got extra millet.

Now lhave been teaching him lots of adventure talk, and now when l've finishad loading an adventure in all I can hear are 'pick up, open, get,' etc, all coming from Bibo Itris all so loud that I have to turn the computer off and reach for the asptins. Now 1 can only play it when I'm alone in the house.
Martin Witherden, Pinner, Middx.
PS Please, pléase, please could you send me a box of asprins as I am running short.

Hmmamin ... Gary reckons you should buy some, er, platform training shoes: Well, HE thought it was tunny.

> Leave out politics With Raid over Moscow why do vou have to say whether people will find the theme 10 their liking? The graphics are excellent and so is the gameplay, so please review the game and don't bring personal feclings into it as there are other games like that one. Battle for Normandy was reviewed in this issue but nothing was mentioned about whether people will like fighting the Germans. Unsigned, Newton Abbot, Devan.

> I disagree. The ideas conveyed by some games are important and controversial. It would be a bad mistake to completely ignore these in a review.

## Corny name!

(would like to give my views on Zapp! First things first. The mag azine is brilliari, it fooks sel to thectome one of the best 64 mags eveif

What I dany like about the mapazine is the name, Zzop! How completely comy and wit Driginal. Ithink wou could have dons belter
James Hepworth, Cheimsford, Essen.

Unoriginal? How many ather magazine names have pwo -2's जnd an axelamition mank?

## Review Cgad Ctam

Wun 2ext int
I gutiod of yaur foblums

 geme fi mad. (Ton luest niso fritio newgiatichics tha trel-Ni ufe
 Has in fand of byl Evymining o bermen whit tsith sthle watit (foom miswahabit
Bet unswerd of gracellige in (h) Fot it
 (was good bill IOWAnets it apily lantiontobomerantelipyigener Ticues Foulter, Hook thants.
 reviscy hen he lownet: Whilig boe borventy wherg in whim hetat ghame larene

## High score copy? <br> Dear Ed,

I see in your editorial that vou're going to introduce a highscore table and feature playoffs. (Naughty, naughty we've seen that before somewhere, haven't we?

I hope you're not going to waste too much space on that, better still don't bother. There's nothing more demaralising than having spent hours of sweat and toil saving the universe or akin task and running up what you think is a monumentous score (together with a very irate wife because she missed her favourite TV programmes) to see some creep has scored twice as much and then several pages on how easy he found it!

Greatmag - shame about the name,
PF Barrett, Axminster, Devon.
The history of high score features is an interesting one. Computer and Video Games, back in the mists of time, started things off with their Hall of Farne, basically a collection of (cloimed) high scores on a small number of selected games.

Personal Computer Games the mag a couple of us used to work for) took things an imporiant stage further by staging a monthly playoff between highscore claimants to help siphan out cheat erstries. With the launch of Zzap and death of PCG, I felt a bit more spice still could be added by having the plavoff between a reader and one of the magazine team. Meanwhile the existing PCG idea of a challenge between two readers was copied latong with various other PCG features) by Your 64 .

We may have a strange name. but our ideas's are our own.

| Where's Star Wars? | I know of Elite and Sentinel, two 3D space games (and the mega- superb Stellar-7; similar to Battlezone), but none of these |
| :---: | :---: |
| Dear Zzapl64, I'm writing to ask if there are | is too similar to Star. Wars. Are there any other good 3D space |
| any versions of the arcade | shoot-outs available? |
| machine Star Wars available for our machine, and if so, which is | Lee Uren. Swindon, Wiltshire. |
| the best? | Parker Bros excellent Star Wars |
| The Spectrum has a superb | cartridge (at E24.95) mighl still |
| game, 3D Starstrike, and 1 | be around if you're lucky, other- |
| wonder if a conversion of this is | wise you"ll just have to warch |
| likely? | this space. |

## Bungeling by Ariolasoft

## Dear Ed.

Recently. I bought a copy of Fald on Eungeliag Bay: The gorme itself is excellent, biat in The insiruthons itsovis that there 15 a vichory parade and news paper headure, Thete isn't is lhis a bug in my copy, of a misprint in the inutructions?
Peter Brady, Cabra, Dublin 7
We too wore animped when ave fouldn't truch chose down Marbe thev'ce on the disi vets ran only, and Anovaso ff forgof ta armena the casselfe versmon ins moliams


## MORE GAMES THAN THE OLYMPICS

EN ABYSS ADVENTURE QUEST AGENT USA AIR TRAFFIC CONTROL AMERIGAN FOOTBALL ANT ATTACK AUTOMANIA AVALON AVIATCB - HATTLEEARS BEA AD BLAGGER BLOCXBUSTERS BLUE MAX BOILER HOUSE-BOUIDER DASH BRAINSTORM -BRAXX BLLIPE BRUCE LEE BYTE CAMELOT CASTLE OF TERR DENAME MAT-DALEYTHOMPSON'SDECATHLON DETECTIVE DIGGER DAN-DOOMDARK SREVENGE-DRAGONFIRE DRELHS DUNGEONADVENTURE FDPIE K GPCHALLENGE EITTE EUREKA FIGHTER PLOT - FIREQUEST FLAK-FOOTBALL MANAGER-GHOSTBUSTERS GIFT FROM THE GODS GOLD RUSH GRAND PRIX DAR IZZIER HIGH NOON HOT DOT SPOTTER HULK IMPOSSIBLE MISSION INTERDCTOR PLOT JAGK \& THE BEANSTALK -JASPER JET SET WILIX JETPAL JINN GEM GHTLORE KOKOTONIWILF-LEGIONNAIRE LEMMING SYNDROME-LORDS OF MIDNIGHT MANIC MINER-MASTERMIND MATCH DAY MATCHPOINT MCOLAR MA ONPATROL MR HOBOT - MS PAC MAN - MUGSY MUSIC MACHINE - MUTANT WIONTY MYCHESS II-NATO COMMANDER-NOMAD GF TLME OLYMPGCSYA OHES EERPAN PIPE LINE PLOP POGO POLE POSTTION - POSTTRON PYJAMARAMA QUANGO QUIZMASTER - RAID OVER MOSCOW -RATTLER- REDCOATS RETUKN
 POF THE LINE SHOOT THE RAPIDS-SKOOL DAZE SKULL SMUGGLER-SNOOKER-SNOWAAL SOFTWARE STAR-SON OFBLAGGER SPAGE SHUTTLE SPELLHOL SEGE1)-SPIDER-MAN-SPIRIT OF THE STONES-SPTTFRE ACE-SPY HUNTER-STAFF OF KARNATH-STAR TRADER-STAR TREK ADVENTURE STAB WARRIOR-STELLA VE DAVIISINOOKER STOPTHE EXPRESS STRIP POKER-SUICIDE EXPRESS SUITAN'S MAZE-SWAG-TALES OF THE ARABIAN NIGHTS TECHINICLAN TED TEST MAT GALACTIC PLAGUE THE GREAT SPACE RACE THE THINKER TIR NA NOG TRANSYLVANIAN TOWER UGH! VIZAWROTE H WVANTED MONTY MOLE WENT STER-WHITE LGGHTNING WLDD WORDS WIZARD OF WOR XAVIOR ZAGA MISSION ZALLM - ZAX XON ZENJR ZODIACMASTER ZOOM PASCAL ZORK II- ZOR

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Clumsy, opinionated superhack EDWARD BANGER bungle: games scene's hottest news and juiciest gossip.

## Frankie goes computer

Those new fangled Liverpudfian popstars who ve risen up the hit parade are now releasing a computer game with the help of Ocean. It's called surprisingly. Frankiegues to Hollywood, and I still haven't managed to work out which one of them is Franikie.


The game is being programmed by those clever former imagine people at Denton Des igns. who also did Shadowfire. You can expect another strange scenario, and I have littie dowbr won't gel past the opening 5crean. I satisfied myselt with snatching this sneak screenshot from art early copy of the game. Why oan't someone do Jim Reeves goes to Nsshville'?

## Archer Maclean: a star is born

Watched the lads drooling over Dropzone this month - a dis tasteful experience, I can tell you. Since the game came to them from US Gold, they actually thought it was American, so I thought l'd impress them by tracking down the programmer who I happened to know was. . . British. This could explain why US Gold have put out this one under the label UK Gold.

The program author, Archer Maclear, naturally agreed to give the Banger a sizzling hot, world exclusive, face-to-face interview and explain to me how he came to write the game which is clearly going to make him and US Gold a lot of money.

Dropzone was conceived on his Atari 800 back in July last year. Astonishingly, despite the fact that he'd been programming since the late 70 s, he had never actually had a game released - much of his time had gone into programming 'brilliant' Atari versions of Defender and Stargate which for legal reasons never savy the light of day. The Atari Dropzone, based to some extent around these earlier games, took four and a half months of intensive 18 hours a day programming.

When I showed it around and said I was going to convert it to

the 64, everybody laughed, says Archer.'They said: You fust can't do that sort of thing on the 641. Well that spurred me on further, sol went out and bought a 64 and converted Dropzone in just eight weeks.

Archer Maclean is 23 years old, rather tall, based in Cambridge, dislikes Minter games, eats nearly anything (but can't stand Pot Noodles) and pursues many sports such as hang gliding, squash and water skiling. He also loves driving at very high speeds and playing arcade games written by Eugene Jarvis (Defender, Rabotron and Joust.)
He's now starting work on Dropzone 2 and spent a good deal of time talking to the lads here about what might or might not be inciuded in it. Stand by for, at the very least, another ultra-hectic shoot-em-up with far more species of alien.

## Herbert is a wally

Romenber the raie lawirur, the uncourmallabse labby llertany fiems Mond-Gent Eveyyones a Waily? Weil ola Ed can well you that hat on the himele of the innarksifity difticuit (I spode for niyoulf) not
 in hut ownt ceima
Marbert's Burciny Aum, la nery vlewed nasi lasuo, fotores sim limp eart of calmeplov to il fir
 trint acadestyle garnes like Bivaverty and Speca |ruardirs Grbail Thosas ale Efomed I call atmaer coppo whit.


Take a careful look at this picture, because it's an exclusive, a first, a nap, a scoop-get the idea? Basically this is the world's first look at Alligata's new number Match Fishing with Jack Charltonas described in this column last month. Very pretty it looks too. Especially in colour.


The release date will coincide with the apening of the coarse fishing season, June 16th, which means that the boys hope to tell you all about it next month.

## This tape costs peanuts

Mastertronic and KP (thatls the crisp lat) have got tagether for a new game/megarnarketing plan. The game features the star of that KP Skips advert character Clumsy Colin.
Mastertronic have had a program written round him, which they'll be selling at their usual cheapo price of E1.99. The brig bonus for them is that the game will be promoted on rather a large number of KP Skips pack. ets - 12,000,000. in fact. Nat a bad littie advertising stunt limathinking.
Incidentally. I hear this very journal has also got in on the act. with an exclusive competition cenitred around the game. Come next issue you'll have the charce of winning a disk drive or one of 10 crates of KP Skips. Seriously. The big bonus is that the Zeap competition will be promoted on rather a large number of Mastertronic games Betcha can't wail.

## es his way through the 64

## Rain won't stop play

After all these American sports simulations, here comes a jolly British one. Graham Gooch's Test Cricket is being launched by Audiogenic who say the game features graphics of similar appearance and quality to Commodore's International Soccer. You're given control over batting or bowling (but not fielding). And it includes teams made up of famous players, each with their own characteristics - if you put old Goochie on to BOWL, expect him to be hit out of the ground, he's as bad as I am.

## Price wars, round 2

I predict an imminent now joint release from US Gold and Audiogenic called 'Price Wars'. The two companies have been preparing the way by tearing at each other's throats over the marketing of the latest Cosmi games Super Hüey and Richard Perty's. Talladegn, to which they both have the rights.
Fitst, as I told you last month. Audiogenic undercut US Gold's price on Super Huey by E3, Forc: ing US Gold ro follow suit so that both companies are now selling it for F 8.95 . Now US Gold have done the dirtv on Audiogenic selling Talladega for 86.95, two quid less than Audiogenic:s price What happened? You guessed, Audiogenic have dropped their price to match.

At this rate these two companies are going to be undercutling Mastertronic before long. Well, Ed Banger, for one, isn't complaining.

## Remember the Falklands?

Anhog have a new rolaase this month, Jamp der. Writera by a fully qualified Hamer Jump der pilor the game claime ro give you the realism ane arcitamam of thy ing s propmet Marrier.
The program lest you practive Talkt-atts, Alyny and landings belone antering into a fully fledged suek-and dsstroy mis3 lom Frave are four shill lovels. reliecting the ranks of the RAF, This could well be above rny iniof loetual lovel

## Jonah <br> Barrington's legs

1 bet you've been wondering why Jonah Barrington looks so worried on the New Generation ad for his Squash game?
Well, pin back vout ears because old Ed's got the lowdown. In order to take that multiexposure photograph, Jonah had to take his fife into his hands and charge full speed across a court in pitch darkness except for the light from a stroboscope. Poor old Jonah was scared stiff that he was going to fall and break his legs, and who woulan't be?

Never mind, Jonah, everyone knows that your legs are insured for a lot of money!

## Streethawk and Daley ride again

Simsitaneoug with the reledse of Frankic (see elsewhere on this piagel. Opean are aisp ruleasing the pffichal Stroothawk game and the follow up to the contraversial, but cop-seling Oàley Thamposoms Deraintom

Stecarthink putes you in contryi of thie megemotorbike of the samie namo and Daley Thompsents Supertest gives vou 3 var tety of apprte to tackie inciuditio uy of war, ski fumping and spmeghoand diving


When wandering about the grounds of Melboume House the other day I was horrified to hear unearthly screams and crashings from within. On closer inspection I saw that the staff were all crowded about a computer.

I couldn't understand what all the fuss was about until I was invited to see for myself the company's amazing new game. H's called Way of the Exploding Fist and is a martial arts game based, so I'm told, on the highly popular arcade game Karate Champ.

After popping down to the local arcade to compare the two il have come to the conclusion that Melbourne House's offering is even better than the arcade game!
There are a full 18 movements available so you can really chop. hack and kick your opponent to death, whether he happens to be the computer or another player.

The graphics made even my world-weary eyes pop out, allegedly over 600 sprites being used to make the animation as smooth and as realistic às possible. I'm now looking forward to see the review in next month's issue.




## Earth-shaking new game..?



Details have been filtering through to me of the new game coming out from Beyond on the Monolith label, Quake Minus One. Quite a scenario, to this one.
It's the late 1980's and on the Atlantic seabed lies Titan, an automatic robot-controlled power station. Situated on a thin section of the Earth's crust it draws power from the magna flows beneath the surface.
So far so good, but ... , the Robot Liberation Front have invaded and have interfered with the earthquake-dampening computer which controls the whole complex. They demand equal rights to robots or they will interfere with tha Quake mode on the computer causing massive tidal waves along the whole of both the European and American Atlant-
ic seaboards. You take tontrol
the day before the quake is due to occur, hence the game title.

Listening to the tone of that, ; wasn't surprised to learn that one of the g ame's programmers is Mike Singleton, author of The Lords of Midnight, who specialises in developing new game types. This one is described as - icon-driven arcadel strategy', Er, I think icon-driven means that there are no words involved, just select the actions from pictures, But there are also landscape graphics similar to Lords of Midnught, except they mave. Fast. I've seen them There are in all some 6000 moving ocean bed locations, so 1 guess this is another of those games the Banger won't be able to play at all.
Quake Minus One is out at the end of June and will sell for E9.95.

## VIEW TO A KILL

Bob Wade takes a sneak preview at the new James Bond game on which Domark hope to make a killing
OO25
Bond is back and facing. his toughest challengeyet - on the 64! The game is based on the film relaased this summer and sticks quite closely to the story line.
My preview was at the London off ices of Domark (previous release Eureka), the company behind the game, where amidst the pre-release chaes they had time to show me how progress was coming along. They were still compiling the various sections of still compiling the various sections of
the program, which is no easy task the program, which is no easy task
zince it features three completaly different games, speech synthesis, two theme turies and of course a save-the-world-from-a-mad-megalomeniac. plot.
The megalomaniac in question is the evil Max Zorin and he's got a nasty fernale sidekick by the name of May Day. Zarin wants to comer the world market in silicon chips and has a crazy seheme to blow Sillicon Valley in California into the Pacific Ocean, leawing him as the sole supplier. As yotive probably guessed it'a Bond's job to stop it happening.
The game action starts with the sequence from the film whare Bond appears reflected in an eve, walles to the middler of the screen and shoots tawarcls you. This is accompanied by the Band theme tune (you remember: doing diddle-da-da dum-dum-dum, etc
1 When the eve has furned red with blood and wobbled away. the music changes to the Duran Dursn theme from View zo a Kill and the cradits scroll by.
The music was converted to the 84 by Tony Crowther and is excellently done using atl three channels to the full. The speech hadn't beers finished fulf. The speoch hadn't beent finished
when I saw the game, but you can exWhen I saw the game, but you can ar-
pect it to ssy things like My name is Bond, Jerrnes Bond', 'You've failed Bond", 'Well done Bond', and even Damn it ' 'when he rnakes a mistake.
Each of the three games fillse the memory and so have to be losded separately but it means you're getting three games for fust E10.99. Here's what happens in each

## GAME ONE

This is sot in Paris where Bond has chased Zorin's female accomplice up the Elffel Tower where she jumps and foats oif on a parachute, Bond borrows a car and gives chase.
This is where you some in and are presented with a solit screen view of Paris. On the bottom is a plan view from high in the air showing you the area around you, your car, one way streets, the parachate and a number of landing points, Your aim is to get to the landing point before the baddie.

You are faced by lots af probiems like darnage to your car from collisions, the Gendames chasing you for going the wrong way up one-way streeta and the parachute constantly changing course. Whether vou get to the point or not you are given a code fo enter the next section of the game.


## GAME TWO

The second garne takes place after Bond and his fernale triend Stacey have been captured. They've been trapped in a lift in a burning hotel and whilst Bond has managed to escape he still has to rescue Stacey and get out of the hotel.

The bottom of the display shows the hotel with the rooms on fire, where you are and where you've been. The top of the screen shows the rooms and contents in 30 with Bond in his customary evening suit. To get out you have to explore the hotel using the masses of objects that are lying around.
The puzledadventure element is controiled via the joystick and allows you to choose an object from your inventory and use it in standard adventure ways: utie, search, drap stc, You can also give instructiont to Stacey (onom you've rescued her) to help you.
You can't walk into a room where the fire is already burning but the closer you get, the alower you move due to the interase heat and fatigue. Fail to rescue Stacey and she'ti scream as she gets frazzied but even if you lose her (callous swinel) you can progress to the next stage.

## GAME THREE

The third stige is set in the caverns nefow Silicon Volley where you have to dispose of the bomb that threaterrs to destroy the world's chips. It's dome Imporssible Mission style with Bond running and fumping around the cav erns but these are a bit Ouo Vadis like and will need mapping
Once again there is a strong puzzie solving element with stacks of objecti to find, lifts and ropes to use, and some nasty little traps.

As a package the game looks very promising. To see whether it lives up to the promise, have a look at our hill rev iew next month


## arcade action

 detailed colour graphicsanvantane Artavaica


Selected (1.5. Oold sohware is ovailable from all gicod tompurer shops and spedally selected branches of: BOVTS-WH. SMITH - JOHFMENZIES WILDHGS WOOL WORTH

GHOST CHASER features detailed graphics, sixieen grame screens and an action oriented, problem solving scenario, Voull meet hemy the Chost Chwer and a bost a weird phantoms as you explore the different rooms of Fairport Manon. Points are scored each time you blast the farge ghosts that materialize at random. The only way to caplure these spint adversaries is to find and collect the 8 keys needed to open the ghost chamber. Watch out for the many tricky obstacles and above alf avold contact with anything that movest . . they"l send shivers up your spine.

G T15 10


Dropzone is, quite simply. THE shmup on ANY micre. The combinazion of fast action, excellent controls. brilfiant inertialeffects and alien variety make this a compulsive and exhilarating masterpiece. Excuse me, but Ican't spend any more time writing trivial comments when I've got Dropzone to
(th) play.
$*$

If by any chance you lose all your men, you'll be in real trouble because the planetstarts to erupt - the volcances spew out white hot rocks and all the aliens turn into anti-matter which bounces about making it very hard to stay alive. What's more you won't get a new set of eight men until the next fifth or tenth attack wave.

Although sounding a formidable task your Jetman has excellent armament. Firepower is superb: massive rapid-firing laserpower, space-bar activated smart bombs (which, as in Defender, destroy everything on screen) and an 'inviso cloak' (to activate, hit any key apart from

> Simply a dream come true: at last a really brilliant shoot-err-up on the Gd which will keep any megablaster happy for months and months, If you are good at Defender you'll sind your tactics work really well here, If you are a novice then it'll lake time to Iearn how to play this garne really well. But whoever you are you should go out NOW and buy it it's a\% ? $e 1!!$ amazing!

## Those evil enemies

There ans mbis different things which nem kill you biught of which roves sround oue plares. Each heve special intisionts whido all utemetely end it your destrus: tion:

PLANTERS. Treas ara the morr basic of allent. ilthough they bave the coast mperrant of tabls. They rosm abaut sbove the plamel surtace umtil they find a man. Whar thioy do or thert prodice an ANDROIO, ssmall inad sphers, whlich throy stan to lower dirto fis aurdoce of the simpot. If Tho plainter ntwichis the pronite and dropa the smolfold ofl. the plonter them nutates inte a Nom: esite (see belowi Mesmenile the arelinit will reff aliamg the olamex surtace ootil it fiude a man Whan it doee so it'll self-dssimed laking the man with it. If there ira hoo mim lefr on the turfised it will rall stomg urttt if fincur the nito end entot detroying 5 mm Nlossloss to 38y you should dastroy the flasmer before it itrope an undruat You ure alidad in this. by the eivill squal ornitied by the planter When for arcdroid ferprodnoed rilus the fact thet Bre and roid ephomets fot youts scentier and ant atrow ininlates whitch wey rou should Ify corimetit.
Incidontally or higher sorean the phanters exhbit hathy inisif ilgent baheybiy, ferming for you tif githets. tirt fieting trotaly shauld you pruve e mean shal.
NEMESITES THESO Mintatect planters come roaving afier pou as zoon es thev develoty and witl trank pou nelierclecosly if $\mathrm{B} / \mathrm{gh}$ surects whist ctucting bombes somuni

BLGNOFA STORM Sxpresalve louking elorida whidh noat atpoit the planat dropping acid rain or fieftirig colt fruge thunderfieshed Neerless in say thise are howh fistal to line touch

TRALEE A small eqterical, spiciy harror which Roarte abouz farmiIessly wand you shout it it thensupori buerts fite
sparies Nimer thin comat-liki polucte fullow vou abous emplling evichlal squatics. Thar'te wary fiave to hat and shauld be willed ofe the apot Hf yay lugeve them you could ruintion them is they vo vary difficull. io sere al high spaseds.
hareye This ouif real shime is equivalant to a hement in Det Afider. Take too long aver a wavo ond a well sppesar treck you rek anilessiy à suiper ligh Lpeedr fining the erayy if rou start to iel thess furivoldithe oft vigh Itruats) prepane za fight tor yoir inte.

ANTIMAFTES Thie stuil appeon eher vou've lost il your men. is bourtibs abinut diovoint hombe afl overt thie stop ond is genenally oxeal pain in the nist taser liks crary th gat rid af this stumf.
Volesmoès, Thies start to mupt iftet you've lost all your men- They huri out tiaedly whibe foot noche at a furlous and havell: thice II you hive to pose them inm bimil lo e rêan whitucte.

the space-bar) which will allow you to go through everything including your menl Although the cloak is a vital defence, it can only be used for a short amount of time before the inviso power runs out. After each wave it will be replenished.

Undermeath the main screen display there is a superb scanner - a miniature display of the whole planet which you can use to see all the troublespots and where the action is at. The scanner is so good, it's almost possible to play Dropzone without looking at the main display!

The attack waves are of two sorts. NORMAL waves feature all the aliens complete with androids, planters etc. TRAILER INVASIONS come every fourth wave (see box). These are very tough and require some solid blasting to survive. You still have to collect the men and take them to the dropzone, only this time there are no planters and


A8 the cassette reaches the end, and loading nears completion, you say to yourself 't wonder if Ultimate have done it again?'. Orice the game has finally loaded and you've pressed the fire button to start, your heart sinks and you think: 'They haven't - it's Karnath revisited
But they have and it isn"t. You soon find that getting out of the first location isn't quite so simple as you initially thought, When, hours later, you've fully explared and sussed the first few levels, you realise that $E n$ tombed is one of the most original and entertaining aardvarks (arcade-adventures) ever to hit the 64 (or any other machine, come to think of it).
The game retains the character of Sir Arthur Pendragon and some of the graphics from

ENTOMBED

iknackered. I played this game for 16 hours yesterday, stopping only for food, nicotine and the type of collee that strips paint. Exploring and mapping this fabulous game is both stimulating and tiling, through the lows of defeat to the exhilaration of finally solving one of the many horrendously difficult puzzles. A truly classic game containing some amazing backdrops. Brilliant one guaranteed to keep you in the company of owis for weeks.

Ulkirpets, CD.DD eeen, lovatish with kura
Incredibly absorbing, addictive, original arcade-adventure
175 screen playing area with atrnospheric graphies, ingenioue puzzies Moving platforms, magie whip, controlleble taroh, gonge, paole, invieibility, metc

Staff of Karnath, but any similarities stop there. Whereas Karnath was relatively small, Entombed is large and complex the total playing area is some 175 screens in size. Whereas Karnath included puzzles made difficult purely by being obscure, the puzzles in Entombed have logical and sometimes spectacular solutions. Indeed, the kick you'll get from sussing parts of this game is about as great as any computer game will ever give you.
The action is set in an ancient Egyptian tomb, from which Sir Arthur must escape. It has the same basic appearance as Karnath, except that everything has an Egyptian flavour, Highly detailed and authentic 3D background scenery adorns every location - complete with some excellent hieroglyphics which lend an incredible atmosphera to the game. The sprites used, unfortunately, are of the same quality as Karnath, ie fairly large and crude, but with some great animation - just watch Sir Arthur jumpl





This game had me thouroughly engrossed from the very first location. My mind longed to explore and my itchy fingers ached to map it, I got an immense kick out of solving some of the excellent and perplexing puzzles, but l felt somewhat disappointed and cheated by the antielimatic finish to the game Still, a brilliant game and a must for arty aardvark fan.

This shuffling of viewpoints can prove difficult to get to grips with at first and makes mapping awkward. But needless to say, as with most aardvarks, without a map you're liable to become hopelessly lost (which is why we're printing ours overleaf.)
Sir Arthur is controlled in the same manner as before - with the joystick plus occasional use of the space-bar - only this time there are no spells used to perform functions such as fighting and moving things. Instead the space-bar is used to select one of three actions: jump, use the magical whip or use the torch. Pressing the fire button will then perform the action currently displayed, although the latter two can be used only after you've found the relevant equipment. The whip is easily found on the



020 Even better than Staff of
$93 \% / 0 \begin{aligned} & \text { Even better khan sian or } \\ & \text { Komsth -what more can }\end{aligned}$ 0 yousay.
first level but the torch isn't quite so easy to get (sorry, no clues).

There are a number of objects to be found within the chambers should you solve the puzzles surrounding them. All of these are useful, if only to help you obtain other, more important objects. It's a very long sequence of events before you find the object you need to escape the tomb and end the game.
Most of the chambers are tough to crack and so some helpful clues are provided throughout the game. These clues come in the form of cryptic hints on scrolls and aren't given away just like that. No, they're obtained in the same way as the objects - with difficulty When you actually find a scroll, the clue on it is displayed at the top of the screen for a couple of seconds.

The sound effects are fairly good, but nothing to get excited about, although there is the octasional good and rather unusual one. The game loads in the same

## Win a fabulous Enter

## more

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 Everlent bul miavore own mop -

[^0]annoying manner as Karmath it stops half way through loading to play a reasonable piece of authentic sounding music and wont continue to load any further until you press a key.
As is the case with all Ultimate games, the packaging is of a high standard, and the instruetons atmospheric but deliberately obscure (although I must say these were some of the more helpful Ultimate instructions live come across). The scene is set with an intriguing explanation as to why Sir Arthur is in the predicament he's in and there's the usual tantalising list of game features.

The only real criticism of the game, applies to all aardvarks. indeed all adventures. Getting stuck can be almost unbearably frustrating, and once solved, you may not want to return to it.

However there is a clock which means you can always iffy to solve it in a shorter time and in any case, you wont complate the gamine without first enjoying many, many hours of classy, demanding, atmosphereic, exhilarating action.


Let＇s get the disappoint ments out the way first． Rockford＇s Riot，the follow up to the amazing Boulder Dash， is not what it could have been．
It＇s not that it＇s worse than Boulder Dash，it＇s just that it doesn＇t really take Boulder Dash＇s brilliant originality any further．The graphics and sounds are the same，the enem－ ies are the same，the game struc－ ture is the same，the objective is the same．
All that First Star have done is create 16 new caves，making Rockford＇s Riot very much a continuation of Boulder Dash． rather than a true sequel．This is a real pity in view of what might have been done．Having said that，the addictiveriess and game－play in Boulder Dash was so immense，that even a straightforward follow on has got to leave most competitors stone dead，and there＇s no ques－ tion that Rockford＇s Riat will offer most people WEEKS af en－ joyable play．
As before the game puts you in the role of the Zzap margin megastar Rockford，who＇s trap－ ped in a cave filled with danger－ ous toppling boulders，lethal fireflies，magic butterflies，

## －OFKFロRロ $=$ RIロT

Manolith／Firge Stear，29．95 cass，laybtick only

## －Boulder Daah If arrives with 16 naw caves <br> Few new features，but the same great game－pley

enchanted walls，grawing amoeba and ．．．diamonds．The idea is to collect a certain


number of diamonds within a time limit (which varies from cave to cave and according to the difficulty level), and then escape through the cave exit to a new cave.
The special appeal is that although the game's riddled with puzzles, there's no single solution to each one, Different players will develop their own approach, and most caves needn't be played the same way

each time. What is more, to get anywhere you must exploit the behaviour of the various enemies. A firefly will explode if hit by a boulder, offering you a technique for blasting your way into otherwise inaccessible caverns. Butterflies, if lured into contact with the amoeba, will explode into jewvels. Boulders can be used to seal vourself off from chasing enemies. And so on.
Each cave covers several screens of playing area, the picture scralling smoothly to follow the action. There are 16 different caves, all presenting very different challenges and five difficulty levels where the basic cave structures remain unaltered, but the position of individual items within them is different, creating new problems on each level.

As before, on the first three levels you can choose to start at cave A, E, I or M, which allows you to see a lot of the game be-
fore very long, rather than having to play all the way through from the start. However levels 4 and 5 cannot bestarted part way through. This is an excellent game structure, offering enough early encouragement while holding out a long-term challenge.

The caves on Rocktord's Riot include some superbly original new layouts. In general they present more complex tasks, with longer time limits allowed.

For example, on the very first cave you have to sneak past fireflies, then use one of them to blast an entry into a sealed off chamber, seal it again to keep out the enemies, clear out the space under an enchanted wall, set boulders cascading through it to turn them into diamonds, and then dash to the exit past any surviving firellies.

But despite the extra complexities, it doesn't seerm any harder overall - indeed, experienced Boulder Dash players may be able to plough straight through level one at virtually the first attempt. The higher levels are another matter.

One very important point worth taking into account in judging this game is that Beyond, having taken over the rights from Statesoft, are putting Boulder Dash itself on the other side of the tape. This is a shrewd move.
So far Boulder Dash has sold surprisingly poorly, probably because buyers have been put off by the relatively uninspiring screen-shots, and Statesoft's somewhat lacklustre advertising. But now, anyone who hasn't got the original can go ahead and buy this tape confident of getting stunning value for money. While people who already have the original prob-

## The contents of the caves


ably won't need too much convincing to buy themselves another 16 caves!
Meanwhile, we at Zzap, including Rockford, are doing our best to convince Beyond and First Star to release a Boulder Dash III complete with a facility to design your own screens the lastability on that would be mind-boggling!

> Evervone here had a hernia when it was revealed that there was to be a Boulderdash It. Except me. QK, so Bouldendash is a good game. but it'snot that good, is it? Anyway, this is very similar fo its predecessor and could well be part of the same game if you liked Boulder Dash you'll probably like this, if you dian't, this wan't canvert you.

## PRESENTATION



## GRAPHICS

$71 \%$ simizabis obeme

## sIUND

$59 \%$ Tink of of ofemis rumbling amoeba

## VALUE FOA MONEY

| ade i | releating a lang quese of fireflips wher stav on your |
| :---: | :---: |
| CAVE I: A score of walls, Bach topped by a row of jowels and Earth and pertralled by fireflies. Grabbing the jewels - you need almost every ane - is just a matter of sussing the firaties patlern. Nat our favourite save. |  |
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| GAVE JI Hes simitarilies to the afncring cave $N$ in Boulder Dash No jevels insight. Just eight pairs of boulders each sealing off a firelly and a bitterfiv. So haw do you use the boulders to smash the buterlifies without being hit by a flefly? |  |
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| CAVE <br> Guararmeed to gel your pulse racing. Flenty of diamonds in easy enough positions to colled. Omily trouble is you can's stan withoul |  |
|  | CAVE P: Classic |
|  | Fareen in which |
|  | you have to extract |
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|  | me pewveis frorn on |
|  | tricky indeed. |
|  |  |

Pechaps / was expecting too much, but I carne away atter a few games feeling somewhat disappointed with this follow ipp la crather follow on) I would have liked to have seen some new adversaries and maybe a screen designer to make things more interesting. Still, It's not a bad game but I. Quch! Sorry Rockford II Dan't take it to heart, I... II Alright, Alright radmit it, I Wke it.


DAIGINALITY $30 \%$ 华
HODKAEILITY
850/ Jotally absorbing. unless bou've had your fill of
LASTABILITY
840/ 16 very different muliscraen cavess, and five ditficuly leverisi

## $82 \%$ й0.

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of this warlat


## Win Roland's Rat Race!

## 100 copies of the slick new Ocean game to be won by cartoon creators

Yeeeeaahh rat fans! TV-AM's rodent superstar has popped up in a new-arcade game from Ocean in which he returns to his former life in the sewers.

You'll find the review elsewhere in the issue but here we're giving you the chance to get your mits on the game itself. How? By drawing a cartoon. All you need do is draw Roland in an amusing situation linked in some way to the Commodore 64 or a computer game. The 100 cartoons that most make us laugh, groan or just appreciate your artwork will win a copy of the game.

With so many prizes, you've an excellent chance of winning if you're any good at cartoons. And incidentally, the best of the cartoons may just get printed, so get doodling.


Once you've drawn your cartoon, send it to us at: Poland Rat Competition, Zzap! E4, 1 Church Tarrace, Veavil, Somarget BAEd 9HX. Don't forget to enclose your name, address and (if possible) phone number. All entries must reach us by July 15 th.
: OHIGET OFF! ILKCD ANSCIF The Way I UAS?

This is a conversion of an arcade game of the same name. You may not have seen the arcade original and after viewing this reasonably accurate copy you'll know why. it bombed.
The original game was released to cash in on the sports simulation boom caused by Konami's Track and Field. Now released for the 64 after Decathlon, Summer Games and Hesgames it seems rather a pointless exercise. Especially since it's a terribly inferior example of the gente.

The idea of is to go through eight events of a decathlon, qualifying for each event by reaching a set standard. You do this by either hammering at a key or moving the joystick backwards and forwards as fast as you can. The faster you do so the faster the hunchback will run, throw or jump. In the field events you also have to time a jump or throw at the right moment.

## HUNCHEACK - YMEIES

Software Prajacta, E5.95 case, joystick and kaya
Diamal attempt at joyatickevegggling eporte action

The eight events are: 100 m sprint, long jump, shat put, discus, javelin, 110 m hurdles and high jump. Each one requires a reasonable speed to qualify, although in the field events the speed of runup is rather erratically judged: sometimes you have the maximum speed and perfect angle of takeoff and you won't qualify.
Graphics and animation are pretty appalling - for example, none of the things thrown follow a realistic trajectory. Another laugh is at the long jump. Hunchy runs up to the board. makes a little jump and sails along about a foot off the


ground on a perfectly horizontal plane until he lands.

In between screens, if you qualify, Esmaralda will come and give you a great big smackerooni. If you don't qualify there's an amusing screen where Hunchback is attaoked by something or other. The first time you see this it'squite funny. the second time yawn, the third aangh and after that the temptation to reach for the off switch is huge.

FOLANDJE RAT RAFE
Dcean, 27,95 cass, joystick only

- Enjoyable, but aeay collection game

TThe lovable (?!) little furry rodent from TV-AM finally hits the computer games scene in this simple arcade adventure.
The scenario: Roland is late for work and his decrepit car Won't start. So, being a city rat, he decides to go belaw ground and make his way through the maze of drains and tunnels to get there. To make things worse, his two triends (Kevin the gerbil and Errol the hamster) have been caught by the nasties who've sworn to stop Roland from getting to the studio.
If Roland wants to free his churns and get to work on time. he must get past the blocked tunnel exit. To do this he has to collect the nine pieces of door and take them to the exit. These pieces are randomly placed around some 32 screens of pipes, drains and tunnels (see panel.

Also frequenting the drains are pairs of wellington boots and a train. The wellingtons appear on all screens (except for the connecting pipes) and must be avoided or stopped momentarily by Roland's instant glue gun (activated by a quick press of the fire button).
This gun is also used to stop

the train which runs along the bottorn level. A quick spurt on the track when the whistle blows will stop the Irain. Climb aboard, and Roland can travel the length of the lower level with speed and comfort. Should Roland miss the train. through either lack of glue or bad timing, then a large quantity of energy will be lost as it runs him down.

Roland's energy is shown as a
bar at the top of the screen and is
continually diminishing due to his worry for his pals. Energy can be replenished though, by eating one of the various goodies lying around (delicious blue, glowing hamburgers and apples. Bluel? Well he is a rat.) The wellingtons too, deplete Roland's energy it run into.

Should Roland run out of glue (shown as a bar at the bottom of the screen) then he must find one of two spare packs lying
around to replenish his supply. If he's not tod careful where he squirts his glue, then he'll get stuck in it for a while.

If Roland collects all nine pieces of the door and the key to free his buddies, then he moves on to the final screen - the disappointing inner sancturn! This is a very poor finiale, consisting of a single platform across the length of the screen. Roland has to run across this platform,


## Sewer structure

The plaving area in Boland's Rat Race isn't exactly large but it's quite easy to get lost to start with. it basically consists of an upper and lower level each of 12 main screens containing platforms, ramps, and tadders. Some of these screens link directly to each other (via exits at the sides). others are also linked vis separate screens of pipes which are accessed via tunnel entrances on the main screens.
The pipe screens are very simple, consisting of two or three pipes that run across the screen.

But pieces of door and lood are occasionally found on these screens.

On the upper level, moving traffic is visible above ground level ar the top of the screen including a cute Sinctair C5. The lower level, which vou reach by going through a man-hole on one of the screens, is much the same: as the upper, only the exir to the TV-AM studio is situoted on one of the screens, the traffic is missing and a regular train service runs along the bottom of the level.
avoiding two measly worms and electrically charged areas (both of which kill on contact, but don't seem to if you quickly run across), to get to the other side and free his friends.

On doing this the TV-AM theme tune is played and all three chums are transported to the surface on a lift. The game is restarted with no noticeable differences.

Both graphics and sound are very good. Roland and co. are all small. but well defined, outlined sprites and animation and colours are good throughout.

A boppy little number plays through the game, but can become annoying after a while. Other turnes and sound effects are great, especially the BLEUGH!! noise made on squirting a glob of glue, and the
boogie beat played while entering your name in the high score table.

GP


## - Plurla=40

Mirrorsaft, 29.95 case, E12.95 diak, ioyatick with keys
Flight simulation with Bettle of Eritain cambet


TThe advertising blurb leads you to believe that this is the closest you'll ever get to flying the classic Spitfire aeroplane. If this is really what it was like, it's a miracle we won the war.
The flight simulator puts you slap bang in the middle of the Battle of Britain during World

War II. Three modes are presented to you on loading: practice flying, combat practice and proper combat. Practice puts you on the rumway giving you the opportunity to take off, fly and land the Spitfire and generally get the feel of how the aircraft handles.
The two combat modes pit
you against the enemy. The combat practice mode will put you in the air directly behind an aireraft which you ean shoot down. Once the plane has been shot down another will appear. This is all very easy and the enemy hardly try to shake you off.

True combat mode will start

## Taking off and landing <br> The controls are mostly from the joystick and the increase/decrease power switches Taking oft is quite easy; use the instrument panel to get the revs to the correct rate Hight revs are needed but ance in the air they stcould be deercased fo rruising spted Lancting is quite tricky until mastered. Approach the runwava put down flaps, decrease the throutie and gently drop yaur alkitude.

you on the airstrip. You have to take off, seek and clestroy the enemy using the map and onscreen details. Once you have shot the intruding plane return to the airstrip and land safely. If you are successful you can save your experiences on tape and go out on another interception run.
If you do well you will earn promotion according to your flying experience and the number of kills you achieve. If you do really well you will rise through the ranks rapidly and with great skill you will gain the coveted position of Group Captain, VC, DSO, DFC.

Unfortunately the 3D effect of the approaching airfield and the enemy planes is unconvineing. The view from the cockpit is boring and uninspiring, although the instrument panel is a masterpiece - even better than the

Jollyl Mr Bounce in his own arcade game what funl in fact, boys and girls, this jolly little game not only stars Mr Bounce but also his friends, the MrMen.
The game takes place over four different screens and eight levels. Each of the four screens have Mr Bounce rolling and bouncing around a different part of town, giving his friends a helping hand in different ways.
Mr Baunce loves to bounce. He can bounce high and low, left and right, by use of the joystick or keys - isn't it clever? As he bounces around town he must be very careful not to bump into any of his friends. If he should be so silly then he will be bounced around the screen and lose one of his four lives.

If Mr Bounce loses all four

## HIEロUNCAN

Mirroraort, E $\mathbf{E} .95$ cass, $\mathbf{2 9} 95$ dithk, joybtick or keya

## - Caleurful areacle fun far kids young and old

lives then ... all the fun will be over and the game will end. Never mind, you can always play another time.
If you help Mr Bounce score enough points then you can type in your name andseeit at the top of the screen-isn'tit exciting? When Mr Bounce finishes
helping one of his friends he bounces merrily round the screen to a jolly little tune. He then moves on to another part of town to give help to his other friends. How nice. After helping all four friends, he starts again but this time there's more to do.

GP


## ones on Dambusters 1

You can switch to the map screen to help you find the enemy planes, although the map is very poor and is no real guide to where the plane actually is. There are two maps, one of the south of England, the other close up of the area around the airfield. The enerny plane is usually shown on both of these, but it's still very hard to find.
The sound is a reasonable drone, which grows to a horrendous pitch if you over-rev your engine. There are also shooting noises during combat, but littie else.

As a flight simulator this is pretty poor. The program updates the extemal view only about once a second. Not only does this rob the program making judgement of manoeuvres very difficult. Oversteering is
terribly easy to do - in fact I found it easier to fly looking at the instrument panel than using the horizon.

| PRESENTATIONI | PRIGINALITY |
| :---: | :---: |
|  |  |
| 86\% <br> Exceflent instructions and game package, plus good in game optrons. | $590 /$ Thereaveplenty of other Ilighil swmulators but this has an unstrument dispilay |
| GRAPFILCS | Homicarallity |
| 50\% Superb detailed cockpit but appallirigly slow scieen update when flying | 32\% Not a great deal to grab you besides the cockpil |
| BGLIND | LAETAEILTM |
| $29 \% \text { Very inefleotive engine ahd }$ | $35 \%$ Less absorbing chan many no long tarm mission. |
| VALUE FOR MONEV |  |
| There are much beller Xinghl simulators than this - even Gider Pilot has faster graphics. |  |



## The Zzap ratings

PRESENTATION: Packaging, instructions, loading, play options, program facilities. onscreen imprassion - averyihing except the game itself
GRAPHICS: Variety, detail and effectiveness of screen piotures. quality of animation, smooth ness of movement
SOUND: Variety and effective: ness of sound effects, quality oi music: Also does the sound arnoy?
ORIGINALITY: How similà is this to programs already avsilable an the 64?
HOOKABILITY: How strongly does the garme make you want to keep playing?
LASTABILITY: How long will it keep its hold on vou?
VALUE FOR MONEY: Takes into account the price plus all the above ratings, especially the last two.

## GIRNEA: <br> Addictive Gemes, EEG. 95 case, loystick only

Simple, aingle-acreen arcade ohese

This game stars a distinctly down-market hack reporter who is sneaking about a hotel trying to get a flash photo of Polly Platinum in her penshouse suite. Which explains why be wears a dirty raincoat,
To get the picture, you have to collect a camera, flash bulb, press pass and aiso nick the key to Miss Platinum's room. Tut, tut! These objects are hidden in the rooms of the hotel and you have to find them by opening each door in tum:
The hotel itself is depicted on a single screen. There are four floors with rooms appearing on the top three. Polly's room is always at the top left and if you open the door she will sit and pose for the camera.
You move between floors by using the stairs (well, ladders) or the lifts that appear on later screens. Beware though since a fall of even one step loses you a life. You can jump over holes in


# - $-=A \mathrm{ATION}$ WHIRLWIND <br> Ariolasoft, E9.95 cess, E11.95 disk; joystick only 

## *4 Capture an enemy town in this state-of-the-art war game

Mar games are starting to become more popular and in the wake of last month's Gold Medal game comes another excellent battle simulation.

You command a reinforced infantry battalion and have to cross a scrolling battleffeid and take control of a town. Pitted
against you are hidden enemy units and the problems of the terrain.

The battle area is shown on screan through a scrolling 'window', the overall size being over three times the window's width and twice its depth. You start on the left hand side with the town to be captured in the
bottom right. On the map are woods, roads, buildings, streams and clear ground.
Your battalion is split into 31 groups each with a different rating for movement, fire-puwer, range and strength. You have to control all of these and iry to eliminate the enemy forces.
There are four levels of game
and in each one you have to take the city in 35 turns. These turns. are made up of five phases of action.
The first phase is the COMMAND PHASE where you can decide whether a unit should dig in to regain strength or be combat ready to advance and fight. Second is the MOVEMENT

## The four, fun screens

Screen Ones Oh nol Ppor Mr Tallt His scart and gloves thave been blown mito the road by a rotkery gust of wind. Mr Bounce had thettor quickly catch them and returm them to Mr Tall. Oops! There is falling Iruit to avolidan laterfevels - wetch out Mr Bounces.

Siereen Two. Tski Tski Dozy Mr Lazy is (ust roo rlle to fimish building this hoikse - goshl How lazy! Mr Bounce gets things movirig by jumping on the see-saw and catapulting the windows into clace Mind he doesn't step in the puddle!

Screan Three: Poar ald Mr Bump: He's leeting too bruised and bat. tered to knock any more apples off the irees. Weil done Mr Bouncel He will give Mr Bump a rest toy catching the falling fing and puining it in thebasket. Betrer be coretul though, that purtale is back again
Scruen Four: My What a sunriy day! it is so hot that Mr Snow 15 meling - fasil Stil, Mr Bounce will halp by collecting the clouds and covering the suri with them. Thanks Mr Bounce, but watchout for the birds!

## Stringer

## All out to get you

Up to six characters may chrose you tound the hotel. COMMISIONAIRE Always trving to throw you out MR ANGRY: If you open the door to his room the wakes up and tries to put you ta sleep instead.
MANAGER: Tries to stop vou cluttering up his precious hotel
and sexaring away the guests, CHEF Looks like a sailor with a beard and silly cap.
BARTENDER: A real poser with bouncer's musctes.
RECEPTIONIST/BELL BOY: Brt of a wimp in his silly hat but can'still throw you out.
the floor and the animation of this and your walking is quite good for your large character.
You are working against your editar's deadline (aren't we all) and this ticks down at the bottom of the screen. If you don't get the picture in time you're in big trouble (OK, OK I'm writing as fast as / can).
Things are made difficult by the hotel staff who chase you about. If they eatch you they'II boot you out and you'll have lost
a life. The bottom floor is used for the hotel staff and this is where they appear. The number of hotel staff that chase you is determined by the level that you are on. You can jump past them sometimes but should risk this only in emergencies.
A simple, single-voice tune plays throughout the game which you may find boring after a while and thete are creaking door sound effects.

PREEENTATION
$42 \%$, ERAPMICE



## DAIGINALITY

$31 \%$ A cross bemveen Gumation HOCICAEILITY
$59 \%$ Reasonab/e animation bur
$51 \%$ The dimbrent laypuls
provide intenest but you

## $59 \%$ wimpeemest

 won ? get too excited
## Bound

$43 \%$ nematumender mer maxis

## VALUE FGA MONEY

$420 / 0 \begin{aligned} & \text { A vory simple game that } \\ & \text { loons dated sha won? }\end{aligned}$
$4<0 \begin{aligned} & \text { loinks dated shid won't } \\ & \text { inspire }\end{aligned}$
LAETAEILITV

Lastabllitry
$35 \%$ Incrawing difficulty bis inar
$35 \%$ incrawing ditificuty bupt hhei

## Y



PHASE where you can move any units that aren't digging in untit you want to stop or your activity points are depleted. Be careful though since a depleted unit cannot fight in the third phase.
The COMBAT PHASE is where you can attack any enemy units that have revealect themselves although you may come under artillery fire yourself. Some units have stronger fire power than others and their range also varies,
Next come the ASSAULT ORDER and ASSAULT PHASES where you can order units to try
to overrun adjacent enemy units. However enemy units may also move at this stage and fire again on you.

Your objective is to control the town, which is particularly difficult to take and on later levels you may even have to defend it against a counterattack. Another problem on the higher levels are mines which can halt a unit in its tracks and end its movement phase.

BW

# CM TEST <br> <br> लानलयड लानलणड 

 <br> <br> लानलयड लानलणड}

Firmbird, E2.E0 casa, joyatick oniv


I you were expecting lots of circus tricks and acrobatic action - forget it, this is a platform game.
You play Sid Chip who must get through 20 screens of 'circus rings' filled with the usual form of platform obstacles and nasties. On each ring there is an exit which is extremely tough to get to and leads to the next screen. Sid can only move left and right or jump and has to work out the exact route to the exit because there is only one correct one.
There's a variety of platforms and creatures to bar your way
and contact with anything that moves is fatal. Disappearing platfarms can cause problems and often drop yau into the clutches of an animal or some waiting man trap.
All the animals follow regular patterns, sorne moving in circles, others straight across screen. Most are easy to avoid once you've gat your jumping timed right. Animals like the kangaroo which hops across screen are well done but for the most part the graphics and animation are crude. The tune also is pretty horrible and you'll rapidly turn the sound down.

## Droll scroll

When you first appear on screen all you can seee is yourselt and the animbls To make the rest of the scenary appear you have to move lett or right and the screen will fill
There doesn'l seem to ba any real purpose in this and it becomes distinctly liresome atter a while. Frustration lika that led to the discovery of a cheat method of warning through the screens, We won't tell you what it is (yet) but trv experimenting with the keyboard.

## Know your forces

The units vou cantrol all have different characteristios.
BATTALION HO: crucial unit. DO NOT LOSE IT, Scores big paints if intown at end of game RECONNAISSANCE UNT. moves fast to drow out enemy units,
intantry company: slow and limit. ed range but great for mopping up and assaults.
ENGINEEA COMPANY; excellent fire-power close in and essential as they repair the blown bridges aver the streams. LIGHT TANK PLATOON: fast with
good range, an excellent vangward.
Heavy tank pilatoon: again fast and great range, essential forward unit with big fire-power. ARTLLLEAY BATTERY: massive range and fire-power but susteptThie to enemy lire, hold back behind lines.
ENEMY INFANTRY COMPANY: similar to yours but very dogged ENEMY TANK OA ASSAULT GUN PLATOONS: ourgunned by your armour butalsovery porsist: your
bint.

| presentation | ORIEINALTY |
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## The eight courses

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 Stolt with a let thenar messitite ha pomitisule and timbe wirs a Cump ivel himes telephume mating two player game. The option also exists to have an uninspiring one voice rendition of the television program's theme tune played during the game, There's a better piece (the Can Can) played on the title screen and there are fairly realistic motorbike dranes throughout the game.

Apart from some unrealistic clouds, the graphics are excellent. The definition of bike, rider and course hazards is good, with a great use of colour all round.


| PRESENTATION | ORIGINALITY |
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| $85 \% \text { Simple bur concise }$ | $74 \% \mathrm{a}^{\text {Anew type ofstrunt ganme }}$ |
| ERAPHICS | HOOKAEILITY |
| $73 \%$ Nice bike and scenery and | $85 \%$ 解 |
| EOUND | LASTABILTY |
| $61 \%$ Vmormy bike roises whemooy sounds and reasonable musta. | $86 \%$ Eight difticult courseas pitus the conssamu challe improving times. |
| VALUEFOR MONEY |  |
| $90 \%$ \% $\begin{gathered}\text { The most impressive } \\ \text { chespo game we ve ever }\end{gathered}$ saem |  |

#  

Argus Prose／Lothlarian，E9．9s cass，ioyetick or keys
Real－time war game set in Warld Ware

This is another of the new genre of war games that dispense with the comp－ licated charts and figures and become user friendly．
It＇s a re－creation of the second world war battle of the Bulge in which the Germans made their last ditch effort to smash the Allied advance on the Western front．All the action takes place in real time－in other words， the situation is being updated all the time；the computer doesn＇t stop while you＇re thinking about your moves．

It＇s your responsibility to con－ trol all the Allied or German forces．The playing area is four screens long and three high．On it are shown both side＇s forces， the terrain and towns．The allies have three types of armoured units and two types of infantry while the Germans have Panzer units，infantry，motorised infant－ ry and moving and stationary artillery．

The fighting and moving potential of all of these is deter－ mined by the terrain，infantry being best in towns and armour on open ground．
You start with most forces on the east of the map and the Germans have a large superior－ ity．Each unit has a strength rat－ ing which goes down in engage－ ments and cannot be replenish－ ed．You engage enemy units by being adjacent to them and if the strength of either reaches zero it is wiped out．
Unit movements can be order－ ed using a cursor but these maves are limited by the type of terrain and unit involved－ some may take several＇days＇to complete．
The game starts on December 16， 1944 and continues till Jan－ Luary 3，1945．On each new day you are informed of the weather conditions，which affect move－ ment and Allied aircraft，and whether reinforcements are arr－

## Battleground Terrain

MOUNTAINS／HILLS：appear in large numbers on the northeas of the map and severely hamper movernent of all units．
FORESTS；restrict movement of armour and appear as single trees．
RIVERS：also restrict armour movernent unless crossed at a town with a bridge． OPEN GROUND：units can move very quickly and breakouts are much easier．
TOWNS：can be of several differ－ ent types and the larger ones have greater points values when possessed．
iving．If the weather＇s clear， Allied aircraft will reduce the supplies reaching German units．
You can use the cursor to in－ vestigate the current status of enemy units and towns．Towns are worth points if in your pos－ session，some more than others， as are your units still fighting． The points score on January 3rd

## －10アロシー

Cramtive Sparka，se，GO casen，jaystick or keys．
Simple four－stage shoot－emup


This very simple Scramble type game puts you in control of a helicopter． You have a mission to destroy what is supposed to be a virtu－ ally impregnable enemy base built into the side of a cliff．

The screen scrolls from left to right smoothly and your heli－ copter is placed on the right hand side of the picture．It can simply move up，down ar fire．
There are four types of action screen．The first puts you under fire from advancing helicopters． Shoot these and also shoot the non－firing jets and helicopters to gain bonus points．
Next comes a bonus screen， You have to refuel in mid air by guiding your fuel nozzele inta the fuel pipe of the giant aircraft．Do this and you＇ll gain a huge 100 point bonus，fail and you＇ll lose a life．
The third screen involves dodging balloons，sirships and evil swans．As they move up and down you have to thread your－ self between them．You can＇t shoot anything，so swift man－ oeuvres are of the essence．

Once you＇ve dodged every－ thing you return to the bonus screen，which is exactly the same only this time the plane is a little lower．

will determine who has achiev. ed or claimed a victory.

There is a pause command to give you time to think and a two player option where both sides plan maves at the start of the day which are then enacted. The computer is a tough opponent but you may find a human one less predictable.
A global map allows you to view the whole battle area and there is also a save option. At the end of each battle you can examine the situation and see just where you might have improved your strategy.

BW

Cam und hrious new simatation yninethe rammal tower wome. poes Thisus theiont of watrepere wou ain) Wavelormantien now seconds activeu Soves maticnitrate rogr-stion Nice bio. Fiest ocratiocs wint unculuthend simphe umbilarernd, suryint thes a peiad lanelor Thms a proad one
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You then move to the final screen. This is the enemy's reactor and you have to destroy this to accomplish your mission. The reactor lies embedded in rock, and there are three helicopters guarding it. Two move up and down tracking your moves and the other one takes off from the bottom and moves up the screen firing at you. You have to shoot three bombs into three small inlets which lead directly to the reactor. This is quite tricky since a) the helicopters are tracking your moves and therefore blocking your bombs; b) There's another helicopter rising up the screen firing at you;

bombs in are about 2 pixels wide.

Even sa it can be done. When you do complete the mission, you simply start again, moving up a skill level (there are six). As you progress through the levels everything becomes faster and you have to survive for a longer time before finishing a screen.


# THE BIRTH OF A PARADROID 


#### Abstract

Over the next few months we're running a special series of features covering in detail the way a computer game is developed. We shall be following its programming, production and promotion actually through the eyes of the people concerned. The game we've selected for the job is the new one planned by HEWSON CONSULTANTS, provisionally called PARADROID, which is due for release in the autumn. It's being written by Hewson's ANDREW BRAYBROOK, whose previous game GRIBBLY'S DAY OUT gets a Sizzler review in this issue. This month we're printing the first of several extracts from Andrew's diary. By the time the series is complete you'll have obtained a unique insight into the way a software house goes about its work.


Wednesday May 1
Zzap 64 have asked me to keep a diary and today I have to start it. Feel tike a mega-star. Decide not to let it change my life.

Design form on which to lay out my robot data detailing which sprites make the picture and other bits and pieces. Feed it into Easyscript and run off a few copies. Feel pleased because it's cheaper than photocopies.

Decide I need a bank of words to choose from to describe each robot. Write a Basic program to load in the codes. Rediscover how much I hate Basic programs.

Spend half an hour at end of day trying to think of something interesting to write in new diary. Fail.


## Thursday May 2

Must prepare working copy of game to date to give to Robert (chief test pilot) for his comments before weekend. Suddenly realise this means writing and debugging complete console log-on procedure. Decide not to panic.

Grill Steve (Steve Turner is another Hewsan programmerl on how he did the scrall in Avalon. Decide to do console on same lines. Have to design meaningful looking icons. Not easy. True test comes when someone tries to identify them.

## Friday May 3

Get menu screen working so that icons appear and are correctly highlighted. Feel pleased.

Find error in robot display routins. Fix it and a six-sprite robot appears in all itt glory. Great!

Program is just about stable enough for Robert at end of day. Everything has gone well. Too well. Robert has a habit of mangling things that I write.


Arrive fresh and keen after the extra day off. Have bought my own C64 at last. No need to stay behind 'tit ten o'clock playing games any more. Only cost me t139. Feel a bit disloyal towards my old Dragon 32.

Got cornments back this moming from Robert (our chief Test Pilot). Not too bad considering. Scribbled some notes on the changes necessary. The main robot graphic was indistinct on his TV and as this will be on the screen nearly all the time it will have to be enhanced. Also wrote routine to display the small scale map.

Also in the post was a new
cartridge Monitor program which I'd ordered. (A Monitor program lets you look at what the C64 is doing by displaying memory and registers, etc on the screen - Ed.) Perhaps it's my lucky day? It looks useful with lots of juicy commands in it. However the game must be altered a bit internally to fit the Monitor - it'll have to save some of its variables elsewhere. Haver't decided where yet.
Overall the day has been a bit slow but pretty good nonetheless because of the arrival of the new tool.


## Wednesday May ${ }^{8}$

Mapped out the side elevation of the ship and designed some graphics to display decks and lifts. Worked hard on the routine which draws the deck plan to convince it that it can also draw the side views, It listened to me in the end. At least I think it did. No doubt it's got some nasty trick up its sleeve even now.

The space ship had to be shortened to fit the full side view on to the screen-I used a bit of artistic licence and felt happy with the result.

Oh no! The first accident with the new Monitor. All today's graphics in jeopardy when the Monitor decides to lock up. I hit the reset switches (both of them - one on the Monitor cartridge and one on the C64) to try and rescue things but to no effect. I sit furning at the machine.

Up jumps Steve Turner with a bright idea. Two or three times a week we get a mains spike (courtesy of the electricity board) which causes the C64 to crash but with its memory still intact. Perhaps if wa generate a spike of our own I can regain
control of the machine....
Decide against ringing the CEGB to ask them to switch off a power station or two. Instead Steve starts leaping round the room switching the fan heater on and off. Very entertaining. Needless to say it doesn't work.
Eventually Steve begins to tire. I give up and pull the plug out. Nathing for it but to key the stuff in again...
At the end of the day I start coding the map of the side elevation of the ship in hex (a number system used extensiveIy in machine code programming). This time I do it on paper first. I'm not going to trust that Monitor again for a while.


## Thursday 9

Continued with the hex of the side elevation and keyed in some new routines which decode the deck data into a plan view. Did some other mods which Robert suggested.
More fun and games. I discover that my Assembler (the program which generates machine code from the programmer's assembly code) won't work with the new Monitor despite claims to the contrary by the manufacturers. Consider merits of abusive phone call. Decide such action would not fit my image and wouldn't do any good anyway. Resign myself to
lots of plugging and unplugging of the cartridge every time $I$ want to assemble. Lay plans to wire up or buy some hardware to fix the problem. In the meantime write myself a note in capital letters REMEMBER TO UNPLUG BEFORE ASSEMBLY. I only forget every other time.
Despite problems cartridge works quite well and has already rescued me from one screen full of rubbish.
Time to assemble and have a look at progress to date. Aha! The small deck plans are not appearing on the screen, I scrabble through the code and after some head-scratching I discover the, er, deliberate error in the plan routine. Assemble again and Bingo! There they are. Wrong colours but still encouraging. Most other fixes appear to have worked, ie. not working as planned but not crashing the machine either.
Modern technology fails again. I atternpt to straighten my shatterproof ruler and it shatters. Middle séction flies past Steve's ear and frightens the cat. Can't find where it landed.

## Monday May 13

Back to grindstone. Tackle deck plan and get it looking respectable but side views could do with dressing up. Not pretty enough yet.
Major graphics update takes most of afternoon. Design a new robot. It comes out looking like Kenny Everett with short legs. Ponder - do robots have beards? Decide to leave it for the moment.

Rage and frustration! Something in machine is eating characters and gobbling sprites. Decide to remain cool, calm and coilected.

Doesn't make any difference. Nasty munching continues unabated.

## Tuesday May 14

More frustration. About to test program when one of data files disappears from disk. Inspect. Machine tells me there are 667 blocks out of a possible 664 on disk. Decide this is not logical. Wonder how Dr Spock would cope.

Missing file is lost in seventh dimension of Commodore brain cells. Return to back up and key data in again avoiding Monitor in hope of not repeating this fiasco.

Back to graphics. Steve suggests my subtle grey colour scheme for side views is boring. Debate ensues. I lose. Try new psychedelic combinations. Eventually agree grudgingly to white, yellow, orange and red. I grumble.

Add some more graphics. Now diagonal lines are causing herring bone effect. Horrible. I'm going to have to change all
graphics. Bleaaahhl Ponder

##  Design a new robot. out looking like Kenny Everett Design a new robot. out looking like Kenny Everett with short legs. out looking short legs.

 have beards?
## Wednesday May 15

Right. Today's the day. Can't delay any longer. Have to write the routine that hides the robots except when they're within sight (a bit like hiding the ghosts in Pacman except when they're in your corridor). Idea comes from a game called Survive which I wrote a few years ago on an IBM

WA dyfy in tox
yont on the 84

 mainframe. Up to six players all trying to ram or shoot one another with two computer controlled assassins. You knew when there was another player on your level but you couldn't always see them. Never knew what was around the next corner. Great stuffl

Oh joy! Mid-afternoon and the routine is in and works first time. Steve claims that he was the one that thought how to make it work. Typical.
$\square$ 'HAS KENNY EVERETT PIT R HEXUN PNNREW'S PROG?! WILL STEVE STOP THE CAT FROM ERTING THE RULER? WIL THE PARANOIP PRRADROIPJIERRN TO SHPVE? THESE AND OTHER
 QUESTIONS WILL BEANSWERED ENEXT MONTH/!' game is incredibly similar to dhat superb US classic Forbidden Forest. It has the same basic scenario, a similar opening sequence, similar sounding music and similar looking graphics. New Generation tell us the programmer, having had onlv a single sighting of Forbidden Forest land being possessed of a photographic memory) set out to improve on it. We don't think he sucoeeded.

The action is set in the Amazon rain forest where a lone native (you) has to survive seven challenges. You are armed only with your trusty blowpipe and a limited number of poison darts with which to fend off the deadly forest inhabitants.
The game takes place on a series of three scrolling back-


## AMAZON WARRIOR <br> Naw Ganaration, 39.85 case, iaystick only

## - Attempt to improve on 'Forbidden Forest'

## The Amazon Hazards

STAGE ONE SMMgitel Red und yellow snakes which come in at shigles trom thetero of the sctacm STAGE TWO funglo) scorpions apprai from buth sides of the apprear and sting vou with theil Ta, 15
STAEE THREE (fungle)- hesd hunters and spears. Shnot the pimar horizonlially and avoid the ister
STAOE FOUR (Bayemb) vampure bals subk ine thlood out of you and move around a tot.

STAGE FIVE (Caverris): wraiths come in trom half way op the sides of the screen and cativ you off by the head
STAGE SIX (templa); spiders and blocks of rubble fall vertically trom the tap of thescreon Shoat the formar for they wrap you up) and avoid the latter
STAGE SEVEN (temple) quetral
coatus is a large llying dragen whe will carry you away in his jaws.
grounds. The first area is the jungle where you have to defest: three types of enemy. The second and third phases are the Caverns and the ruined Temple each of which have two types of (increasingly tiresome enemies).

Your man appears at the bottom of the screen carrying his blowpipe and 40 darts. You have to load the pipe first and then shoot the oncoming creatures. The pipe can move through an arc of firing positions from low left to low right.

Shooting enemies is very difficult at first since the shooting angles aren't at all obvious. You can get the hang of shooting

each of the beasts but some of the angles (and misses!) are quite surprising.
You have to shoot a specified number of animals on each stage to progress to the next and the number increases on each of the four skill levels. At the start of each stage, except the last two, you are given a fresh set of three lives and 40 darts.
The backgrounds scroll really smoothly and in perspective with a near background and a far background. The graphics are nice and colourful, and while the music isn't up to Forbidden Forest's superbstandard it's still reasonable.


| PRESENTATIDN | PPIEINALITY |
| :---: | :---: |
| Four levels of difficuly and a high scort table. | $8 \% \quad \text { Appalling nipopfiof }$ |
| CHAPHICE | HEDGCAEILTTY |
| 78\% <br> Excelient scrolling bachoround and good cheracters | $54 \%$ a $\begin{aligned} & \text { Difficuit blow pipe control } \\ & \text { makesprogress tocgh }\end{aligned}$ |
| BavND | LABTABILITY |
| 69\% Mensicisn'tas goadas Forbidden but one or hwo goodeffects | $60 \%{ }^{\text {Verybinghbil unaddictive }}$ |
| VALUEPEP MONEY |  |
| $51 \%$ \% $\begin{aligned} & \text { If you'vegot Forbidders } \\ & \text { forest forget it }\end{aligned}$ |  |

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On the panel in front of you are all the instruments you need - plus a screen giving you an external view of the complete formation you are flying. Slip out of line for a second and the eagle-eyed Red Leader will be on the radio ordering you back into position.

The program comes with a detailed flight handbook that will soon give you the confidence to take YOUR place alongside the ace pilots of the Red Arrows, even if you've never flown before!


Putyourself in the pilot's seat of the most manoeuurable fighter in the RAF!


## Mrin an E 800 SX6.

 Ariolasoft mini-tip!的 got a fab portable Commodore SX64 with buit in disk drive and units and We've got a fab portable co great competition! Also two Curdware can be yours just monitor to give away in the g of these valuable bits of ariolasoft games listed on this five Wico sending us a 50 -word playing tip on by sending us a page. $W$ We're looking for short snappy Pokes, cheat methods; twelve challenging 64 games. advice - anything will do, just so lips we think are the moser, together with the name of The winners will be those whose tip on a piece of pap: Ariolasoft Competition, Zzap


## The games to give tips on

## The prizes

Here's a run down of Ariolasoft's lremendous range of US tifles for the 64 .

## LODE RUNNER

Classic game featuring real addicliveness and playability: Steal the gold from the Bungeling Empire on screen after screen of platforms, ropes and ladders. A Zzap sizzler

## MU.L.E.

Excellent trading game with great music. The strategy of the game is absorbing and easy to get to grips with as you try to colonise a planet with your obstimate Multiple Use Labour Elements Up to four players can take part in a sometimes frantic game.

## ARCHON

New variant on the chess theme, using the same layout as the age old classic. Control strange creatures with different movement patterns in a game of cunning and fast action as pieces battle it out on an arcade screen.

RAID ON BUNGELING BAY
A hectic shoot-em-up as your helicraft tries to bomb six factories from its aircraft carrier base. Fighters, bombers, radar, guns and a battleship all try to thwart your action.

## SPELUNKER

A massive cavern exploration game where hundreds of treasures and handy objects have to be collected. Lethal falls, stearm vents and ghosts of past adventurers all block your way.

FRST Pratae: The Commadores sxot This Es a portgble version of our heloved cist drive. if comes in its and learminga tuilfin will let yon play your fruounte bd duak gamea,
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E14.95.

DAVID'S MIDNIGHT MAGIC
A pinball table with a fabulous bouncing bail that mimics the real thing. You've got to be fast on those flippers but high scoring is there if you hit the right bonuses.

## OPERATION WHIRLWIND

Joystick controlled war game in which you have to mount an assault on, and take, a town. A cunning enerny and possibie counter attacks make your job harder.

## CHOPLIFTER

In your armed helicopter you have to fly into enemy territory and rescue 64 hostages while under a constant barrage of enemy fire.

## ONE ON ONE

Baskerball simulation in which you can take on one of America's top basketball stars in a one to one battie.

HARD HAT MACK
You've got to rivet together the girders of a building but vandals and civil servents keep trving to bring you down to egrth.
REALM OF IMPOSSIBILITV
3D action Ant Attack style as you explore the complex of caverns trying to open the Realm of Impossibility. Lots of evil beings try to block your path
MURDER ON THE ZINDERNEUF
You can play the detective as you try to track down a murderer on board an airship. Lots of characters and a complicated plof.

## IMPORTANT:

Q Your tip must be written in 50 words or less.
Oit must be a tip on one of the 12 Ariolasoff games ench entry refers to a different
garme.

# 23 TiPs 

Gary Penn sorts through your mountain of cheats, strategies and tactics.

The trickle of tips that had come in prior to the launch of the mag has now turned into a flood since its launch - and l'm real pleased. Keep them coming in. But please, no more on GHOST. BUSTERS, SPY V SPY and BRUCE LEE uniess they're cosmically original. Oh, and no more PYJAMARAMA solutions either, please.

Now l've got that off of my chest, here are this month's tips. (Next month l'll be revealing which three super-tipsters have won our prize disk drives. Some of their tips may be among those in this month's section. . .1)

## Rescuing the scientists in Airwolf

I've been deluged by AIRWOLF (from Elite Systems) tips and maps this month - many thanks to all of you, especially Garry Cuthbertson of Gosforth, Newcastle-Upon-Tyne. Garry's map and tips were quite simply the most impressive and detailed set that 1 received. Take it away Garry ....

At the start of each of your five missions, Airwolf is at the base in room A , at the top right of the map. Initially the door of this room is closed but it can be opened by simply shooting where the helpful arrow points. When through this door, in area B, there are three ways down.
Avoid the big red boulders which destroy Airwoif instantly, by positioning the helicopter above either the tube or wall in this area. Don't go down the middle passage as this is a dead end.
On each of the five rescues I always shoot wall 1 , making a sufficient gap for Airwolf to fly through. This is because whenever you have rescued a scientist you have to return to base via room $\mathbf{C}$ which contains two shield diminishing Martian type creatures'. Therefore shooting wall 1 allows you a safe passage straight through this reom, thus saving shields.

## SCIENTIST ONE

The first scientistis in room E. To get there, leave your base, go through area B and shoot the wall as outlined above. Then, avoiding the red boulders, fly down passage $D$ and into room E.

Lower the helicopter into area F where the scientist is, avoiding the bouncing bullet in the process.
To return to base, do not attempt returning up passage $D$

as this leads to your destruction through a boulder. Instead, shoot wall 2 and fly up passage G following the deadly lift to the top. Once at the top, fly quickly to the right to assure minimum shield loss from the lift.
Now shoot wall 3 and fly through room C , area B and back to base using the previously mentioned methods.

## SCIENTIST TWO

Fly to passage G by the same route as the first scientist (remembering to shoot wall 1) and follow the lift up with Airwolf facing left. This time fly left into
room H . Even though you may be able to see the scientist, don't try rescuing him yet as you will bump into the sides of the walls and lose shields.
Instead, avoid the bouncing bullet in this room and shoot at arrow J . This floods the scientist bay causing him to float to the surface, where he is easier to rescue.

You may have noticed that the door to this roam has now closed and you are locked in. Don't warry - if you now shoot arrow $K$, the bouncing bullet stops and the door opens. Now return to base through room C
as before.

## SCIENTIST THREE

First of all shoot wall 1 when you are in area B. This time though, you take a different route by flying down passage L, avoiding the boulder, and fly around the carner at the bottom. Now shoot switch 4 on the right to remove the force field below you. Descend, and you will see a buggy passing below you along a dauble thickness track (Area M).

What you have to do here is pasition Airwolf in the forward position and shoot a hole through the track, big enough
for the Airwolf to fit through. Descend through this hole and place Airwolf at point N. facing left, and as close to the right as possible.
Drop down and shoot switch 5 but fly directly up again as the big brown boulder starts rolling and will destroy Airwolf. When the boulder is far enough away drop down again, turning Airwolf right, and shoot button E (Previously covered by the boulder). This will open up two doors at point 8 .


Now fly ieft and shoot switch? 7 eliminating the force field. Goup and collect the scientist from area P.
To return to base fly back to area $M$ but instead of going up, fiy left along passage $W$ and up until you reach, and shoot through, wall 9 . Airwolf can then return to base as before, follow ing the lift etc.

## SCIENTIST FOUR

Shoot wall 1 in area B as before and fly to room E. Shoot through walis 2 and 9 , avoiding the lift, and fly down into room Q. You now have two choices:

## Breaking the Sorcery spell QPOINM KJ ${ }_{\text {G }}^{\mathrm{G}} \mathrm{G}$ FEDCIB|A

l've had some pleas from people who can't quite finish SORCERY from Virgin. Despair no longer for MICHAEL DAVIS of Wetherby, Yorks has sent me the complete solution. So here int is.
A: THE WOODS. Go slraight through the doorat the leth hand side.
B: THE WOODS. Go straight across and through the bottom left door
C. THE WOODS. Pick up the clut at thia bottom left hand corner of the screen. Go through the door at the lop left comer-
D: THE WASTELANDS. Directly
in front of you as you enter will be a face on what looks like a piece of wood. Stand on top af it the face will disappear and you Gan go down and through the door at the bottom left of the screen.
E: OUTSIDE THECASTLE. Goup and across the screent through the top left door
F; THE CASTLE. Pick up the sword and go through the bottorn left hand doar
G: OUTSIDE THE CASTLE. SWap the sward for the geld on the ather side of the tree. Go back through the fop left door.
H: ABOVE THE CloUDS Swap

Firstly, you can shoot through the walls and shoot the two switches at point R. This is very hard - if you manage to succeed however the satellite S falls down on your power switch 10 If it reaches the switch. Airwolf explodes. Therefore, you have to shoot it in mid-flight. 'ou can now get to passage $T$.

The easier option is to position Airwolf in a forward position approximately at point $X$. You may now be able to fly up past the satellite. However, all the time you are in this room you have to watch out for the bullets shot by the two face-shaped rocks on either side.

When in passage $T$ you have to fly around to area $U$, avoiding the 'pinball bumpers", which fire builets along passage $V_{i}$ as best as possible. In area $U$ you will notice falling rocks near the scientist bay, making it impossible for Airwolf to rescue the scientist. However, if you shoot through wall 11, and shoot the top button, the force field 12 will be sliminated. You can now fly
the gold for the key and return through the bottom right hand door to G. Swap the key for the sword and kill the monk at the bottom of the screen. Gollact the key again and go through theleit hand door.
1: BV THE RIVER, Go 子cross the screen and land on top of the left hand door. Now here's the tricky bit - You have to get through the door wifhout touching the water belaw, or you'il drowr.
J: BY THE RIVER. Push the joystick straight up or you'll fall into The river. Go across the screen and land on the face on the logthe face should disappear. Now go down and through the door to the left
K; IN A DUNGEON Go through the bottom lett hand doer: L: DARK DUNGEON. This room is in total darkness except for the Flash of lightning. Go about three quarters of the way across the screen and vou will go down and land on the cauldron. This Will replenish your energy, and also give vou a potion. Go back through the top right hand door nito K Then go up and through the top left hand door into M .
M: THE WILDS. Go through the bottom left door.

N: THE SWAMP. Rush the joystick straight up as you enter (to avoid drowning) and go and collect the canide. Go through the bottom right door into M. using the same method as used in I. Go through the top right hand door into K aggair, and through the bottom left door into L again (It will now be visible as you have the candle). Exchange the candle for the key, avoiding the water, and go back out of the room into K. Go through the top left hand door into M , across. and through the bottom left door into N. Go straight up or you'll drown, and go across and through the top left door
O: NEAR STONEHENGE Go to the face on the log, drop down and collect the poison. Go up and through the top left door. P. NEAR STONEHENGE. This streen can be difficult. Go down. avgiding the water, and swap the poison for the wand. Keep the fire button pressed to dispose of the ghost. Take the poison and go through the left hand dgor
0: ATSTONEHENGE Simply go and land on the middle table and you will have completed the game- Wow
back up again and rescue the scientist. Return to base by flying back to wall 9 and use the methods described earlier.

## SCIENTIST FIVE

Shoot wall 1 in area B as before. Fly down passage L but this time quickly turn right into room Y . Once inside you are safe from the red boulder but now a flying saucer will quickly attack you. As soon as you shoot it though, it stops.

You then have time to shoot through walls 14 and 15 . If you're not quick enough, the saucer comes to life and will have to be shot again to save shields. Now descend down passage $Z$, trying to avoid the bullets. Stop Airwolf's descent near the bottorn as there is a shooting force field. Tum Airwolf left and by quick up-anddown movements and good timing, shoot a way through wall 16. Fly Airwolf through as the force field disappears and shoot wall 17. move up and shoot wall 18.

Keep shooting even after this wall has gone, as each extra hit knocks the steel bullet into the wall opposite. During this time, avoid the diamond shaped object which flies around by keeping it off the screen.
Now drop down again and fly through the hole you made in wall 17, fly up into area 19 and rescue the scientist. Return to base by flying back past the saucer in roam $Y$, out of the roam and down. Shoot switch 4, eliminating the force field, fly left along passage $W$ and up. Now use the same method for returning to base as previously explained.
If you're wondering what the buttons in room 20 do, they are in fact no help to the mission Whatscuever: one closes the door to room 20, the other closes the door ta room $Y$.

Thank you, Garry. Right. Now you've absorbed that lot, let's see some massive high scores sent in to the Scorelord!

# Playing tactics for ALL 64 games... 

## ... and how to cheat!

Graham Robertson from Kirkintiiloch, Glasgow was among the many other readers who sent me tips and maps on Aliwalf. But he also enclosed something rarely seen on 64 games today-POKES! Yes, some great pokes for cheating at Alirwolt - and it doesn't mean blawing up your 64 by attempting to reset itl
First you must statt loading the game by typing LOAD (RETURN) instead of pressing SHIFT/RUNSTOP.
Wait for the tape to stop and the 'READY' message to come up. after which yous should type:

POKE1010,141:POKE1011.5: POKE 1012,128:POKE1013,76: POKE 1014,226: POKE1015,252

Check you have typed it correctly and press RETURN. Now type in RUN (RETURN). The tape recorder will now start moving again and Airwolf will start loading.

After some time (just before the coloured lines appear) the tape will stop and the 64 will reset itself as if it had just beenswitched oridon't worry, just stop the tape.

You can now type in any combination of the following three things:

One:
POKE 13013,169:POKE13014,6: POKE 13015, 141:POKE 13016, 143 POKE 1301733:POKE1 3018,234 (Move the cursor up one line and press RETURN)

This will give you infinite shields to practise going through the whole course. But, you can still get killed by the boulders so press RESTORE to restart the game if this should happen.

Two:
POKE5026,252 (RETURN)
This enables you to fly straight through walls, letting you see the whole course.

## Three:

POKE5019,221:POKE5020,248 (RETURN)

This stops you getting killed by any sprites (moving objects) enabling you to practise flying through the caverns.
After typing in any, or all, of the above you should type SYS4096 (RETURN) to start the game don't worry about the fouled up title screen, as the garne should beOK.
Briltiant stuff, Graham. Anyone else out there got any more fike this?

Wha for and oorvertue sown stimbinc:

 nut ta innch the fince deady term. and look around until you ther thres. Moles, Plose thas obstide in tives hotes tong in at hist t
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 ancesi commethayn yo vou dar's win diy miver for youl- oticervationth Well mavhe gomimoinn from the limeryip

## Regarding Broadstreet

Christopher Juckes of Leicester dascribes Mind Garmes' Give niy regards to Broadstreet as eas V and he says he can do it every time. In the words of Chris himself, Here are some tips for confused people about the gama:

1. Always go to Kilburn first to catch Harry and Ringo in Maida Vale.
2. George always starts off at Heathrow and arrives an hour later at Holland Park.
3. Linda will always tend to go to Bond Street first and return to Holland Park later.
4. Steve will usually leave his house about lunchtime and go to Covent Garden.
5. Barbara usually goes to Sloane Square after leaving her home and then returns to West Kensington
6. Sandra goes to Victoria a lot. and will always return to the Elephant by $7: 30 \mathrm{pm}$. After this she stays in all night.

I won't tell you how to do the final screen, you can solve it yourselves. (Gee thanks. Ghris:)

## Skywalking in Star Wars

Over to Zrap's JR for tips on the Parker Brothers conversion of the arcade classic.

- On the first screen play safe. On STAR WARS there are a maximum of five ships or laser blasts on screen, Let four tie fighters come on screen and they will only shoot one laser blast. Pick this off each time and your shield will be in no danger of depletion. Therefore DON'T shoot the craft. If in some circumstances only one ar two ships appear on screen, shoot them as quickly as possible and then four will appear.
- On the run across the Death Star try to shoot all the tower tops, This will give you a nice 50,000 point bonus. Be carefuf not to run into any towers or stray laser blasts - there isn't too much difficulty in avoiding them but it's easy to get careless.
- The trench run is the most tricky part of the game and it's easy to lose all your shields. For a start don't bother to fire: not firing at anything apart from the exhaust port will give you a 'force' bonus.
- Concentrate on dodging all the trench shields, and don't

oversteer, Skim over and under the shields cutting it as fine as passible.
- Dodging the laser blasts isn't too tricky, just move to the left or right at the bottam of the trench or up and down if the trench shields allow you.
- When you see the exhaust port put your firing cursor in the middle of the trench and fire madly; You should be able to hit it with ease.


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# How to be a great Psi Warrior 

First, a description of some of the features of the silo:

SPEED MATS: Enable you to attain high speeds for getaways and jumps. Appear as striped blue in the game.

ANTI DAMAGE MATS: You can fall onto these without damaging your hover plane. Appear as striped green in the game.
BOUNCE MATS: When landed on will bounce you off at the same speed and opposite angle that you hit them at. Appear as solid blue in the game.
DEAD ZONE LINES: Pairs of 'trabn lines' that can only be crossed in one direction - INTO the screen. Scattered at various nasty positions about the silo they prove a real problem if you get caught inside a 'loop' of them, so don't.

LIFTS: To use a lift safely, move over/into it, stop, and push in the direction of the lifts arrow(s). It is possible to hover above them so long as you don't push down.

LEVEL MARKERS: These appear on the walls on each level of the silo and indicate your position. Although they may only look like an unintelligible mess they are in fact letters and numbers and can be figured out from the 'alphabet' on the final level.

THE SOURCE: Will always appear from the left hand side of the screen as soon as you reach the final level it frequents. It must be netted three times with great speed before your controls become disorientated by it. Your values of Psi and ld determine the length of time between bouts of disorientation, so make sure yau're WELL stocked before you decide to encounter the creature.

PUPAE: A form of semi-human energy that hasn't been broken down into its component Psiand Id. They wander aimlessly around the silo until encountered by your warrior where they will follow him around. DO NOT shoot a Pupae as all hell will break loose and you will be beseiged by Psi and Id. Any wandering Pupae found should be coaxed inte a transportation chamber and sent back to the surface,

Having spent most of one weekend preparing the Psi Warrior map printed in this issue, I thought I might as well pass on my tips on a game which appears to have put off a lot of people by its somewhat complex scenario. Actually it's a lot less complex than it first appears, and well worth getting to know.

## Psi and Id <br> Energy

Faw anargy used for performing various physical/mental skills. Without the Psil energy 10 control and harness this faw powar, Id energy loses its worth and an imbalance in power is created The continual huild up of this imbalance is knownas the STABILITY COEFFICIENT, or SC. If this value should reach zern then the Psi Warrior will dia and the game is over and must be restarted.
Capturing the Psi and Id is. a fairdv simple task providing you failow a few simple rules:

- Don't zip around teo fast as you'll probably end up running into the Psi or Id and losing what energy you should be gaining.
- Keap the volume reasonably high and your ears open for sounds of approaching Psifld. As soon as you hear somothing corming. stop, and travel at a slow speed, waiting for the Psil Id te appear.
- Make sure you' re in lina with the Psi Ad belare you shoorit fire a few 'line up shots' to iudige when you should fire.
- When the Psifd has bean caught in your Psi net you can then absorb its energy The best way of doing this is to firstly move in front' of it, stop and press the fire button to fump 'into' the energy source a cou ple of times to absort the energy, This provgs to be an easier and faster method than simply moving in and out of the Psifld.
- To coilect large amounts of a specific energy type, hang around the levels at which the energy types are most abundant. There are several areas of farge open space where there are heavy concentrations of elther Psi or ld, and because of the room to manoeuvre youlican get lots of Psilld quiakty and easily.
Psi energy can be used to devElop the hidden powers of the mind. With a sufficient guantity gi ld emergy to tap four skills are passible:
1,TELEPORTATION: This can only fake place between the teleportation chambers around the silo. Before yau can telepart vou need to log the coordinates of the chamber you wish to teleport to.

When the need to teleport arises you simply press the kelaport key and you will transport yourself to the last 'logged chamber. The act at teleportation will deplete your ld by 20 I ustally use this feature when in dire trouble, lacking in ensrgy or nets, or high in damage as the rate of repalr is fiva times faster in the chamber. and nets are replenished

Remember, each fime you enter a teleportation chamber B/ways log the coordinates and save the game pasition.
2.REMOTE VIEWING: When in a teleport chamber pressing the relevani key will allow you to leave the Psi Warrior's body and took around the whoie silo with the joystick/keys. This is a great
halp in deciding which route to take but now you've got the map you won's need to use this so otten:
Although vou don't need much Psi/ld energy to view. your ld energy is depieting constantly, so keep tabs on your Psil (d)
3.LEVITATION: if requires a great deal of energy to perform the act of levitation - 256 Psi and 256 ld minimum. Pressing the corresponding key will altow vou to move over obstacles of gaps otherwise impossible to negotiate.

The need to levitale will came When you reach the Levitation Zone'. This area dmarked on the map) consists of a strip of bounce mats around a leval of the silo. Because of the nature of these mats, merelv dropping down on them isn't good enough as you bounce straight back to where you started. In:stead of falling down you need to levitate, so make sure you've enough energy when you reach here. Its important to position yoursell carerully before lavita:ing as so much energy is used performing this act
4. INVISIBILTYy Pressing the necessary key wilt turn you invisible (providing you have at (east 20 id) and confuse the Pst. They will no longer bursue you until you fire a Psinet, but slaying invisible for too fong eats up your ld.

Not one of the most useful functions and not one 1 recommend to bother using often

## Staving in control on Mama

Phillip Merchant of Rediand, Bristol. Who last month ticked us off for our lukewarm review of Minter's MAMA LLAMA, offers some detailed playing tips on the game.

To get used to the awkward control of the Killdroid, play a rew games on the lowest inerlia setting. Even after this vou mav feel os if you haven't got anv cantrol aver the droid but at least if'll look like it.

Now vou're feeling a hit more contident, it's time to play sorme of the screens. Here are some tips on 16 of the 100 , ancl loppe to get sent many more:
ATOMIC WAR. A tough screen this, You have to Killdraid nastues dropping from above, while you arestill in the air after 8 jump, to make the zap number go down.
GREMLINS. Killaroid the fly ing saucer while it's above the Gremlin sind it will start reprodusing rapidiy, Pick off the flashing Gremilins with the Killdroid to reduce the zap number.
GRAB THAT YAK! Walk slowlv lett for about 20 seconds and then as fast ás you cen for a further two seconds. Turn around and walk right as fast as vou can tor about ten seconds. If you sea a
yak. touch it with one at vour llamas and the zap number goes dowin. Repeat until zap reads zero. Da not toucha vak with vour Killdroid
A TRICK OF ITS FUNNY LITTLE TAIL. Killdroitt the wellies whille approaching the llama trom thehind. Do not Killdroid the llama. RORY SAY BEWARE. Killdroid the yim-yangs while they lasth, then Killdraid the Rory's.
RORY ISi HERE SOMEWHERE Kilidraid the ghosts - il you can lind them!
THE RORVGENESIS DEVICE, Jump up and heat butt the fory Genesis davice (the flashing heart) with a llama, then blast the little Rorys it produces. Do not Killdroid the ForvGenesis device. CIPPY AND RORV Follow Cippy and blast those Rorys!
RORY ON TV. Stand your Marta Llama behind the TV and wateh Rory attack the TV, reducing the tap number
GRENADESI Killdraid the littie clusters befori they detonata.
LLAMA ENIGMA. Killoroid the filtie veliow liamas
GOATEE, Xilldroid the goats.
THE BEAST AND THE BROADSWORD, Killdraid the beasts under BEASTIES, Killaroid the flashing beasties



## WARRIOR

Beyond Software are pretty pleased that at last someone's got round to publishing a Psi Warrior map. So to mark the occasion they've agreed to let us offer copies of this remarkable game at a whacking E 5 discount!

Do your eyes deceive you? They do not! The $£ 5$ voucher printed on this page will allow you to buy a copy of $P s i$ Warriar for just $£ 4.95$, instead of the usual price of $£ 9.95$ ! That's got to be good value by anyone's reckoning.

This is what you do: Cut out the voucher, and post it to us together with your name and address, and a cheque or postal order for $£ 4.95$ made payable to NEWSFIELD Ltd. We will then rush you the cassette version of the program. The address to send off to is: Psi Warrior offer, Zzap Mail Order, 1-2 King Street, Ludlow, Shrops, SV8 1AO.


## KNOCKOUT

Would this be like one of my all-time favourite arcade games, Punch-Out?1 Er, no. This is a very, very simple boxing game.
It puts you in the ring to face either a friend or computer opponent. You view the ring at rope level with the boxers being shown in profile. At the start of each of the four one-minute rounds the boxers are placed in their respective comers. When the bell sounds they move out and you take control of one of them. You can move your man forwards and backwards only, making this effectively a 2 D game.
You hit your opponent by pressing the fire button and moving the joystick either left or right for left or right hook. If you want to put your guard up then press fire button and push up.


## CHETCOLASTER

Virgin, $2 \mathbf{2 . 9 5}$ case, joystick only
Strut your funky joyatick


The title of the game gives away what it's all aboutreally funky music in a streetwise, hip-hop town.
Funky Town is where it all happens and this is represented on screen as 3D streets with buildings in the background, a pavement and roadway. On these swinging sidewalks appears Rockin' Rodney and his ghettoblaster. Rodney has to collect ten demo tapes from the dancing parties in the town and deliver them to the offices of Interdisc so that a record can be made.
Our soul brother first has to go in search of batteries for his blaster from an electrical supply store. Once he's got them he has to find a tape to play. Tapes are found behind the doors of houses which are visibly pulsating with the beat.
Once you've got a tape in your blaster you can turn it on and one of ten funky tunes will boogie its way out of the 64 . The next part is to blast other people with the music to get them dancing lyou just have to fire at them).
When enough people are dancing you can deliver the tape to Interdisc and set off in search of another one. The ten tapes all have to be collected before your on-screen tape counter reaches 999 otherwise the vinyl won't hit

There are no other actions possible: no body blows, no ducking. As you hit your opponent you will see a bar increasing above his corner. When this grows to its full extent and reaches the KO mark your next hit will knock him out and win you the game. But the rate at which the bar grows depends on his stamina which alters from game to game.
The idea of the game is to win the World Heavyweight title. First you have to win the European Heavyweight title by beating the computer opponent three times - each time you challenge him he gets harder to beat. Having done this, you are given a password and you have to load the other side of the cassette.
To win the world title you go through exacily the same rigmarole as the European title fights, but if at the end of the third round, if you have a knockout win you're given the title of Heavyweight Champion of the World.
This game is graphically very impressive but sound, like the
gameplay, is highly disappointing: only a good bell sound and a whop as a boxer is hit.

## TAGKMAGTER

Greativa Sparks, E2.50 cass, joystick or keys
Seven-serean blast with surprisingly good graphios


GHETTOBLASTER


## the streets on time.

Rodney can cross the street to get to the houses on both sides of the road or use junctions to change streets. He can also wander around the two parks full of trees, bushes and magic

This is one of the two first budget releases from Creative Sparks that ga by the very fitting name of Sparklers. It's a simple shmup spread over seven different scenes.
Despite the cliche scenario (you have fallen in love with a beautiful princess and in order to win her hand in marriage you must complete seven tasks set by her father, the King) the game is in fact a cross between High Noon and Robotron.
Before you attempt a task you're told what you must do in some very classy and authentic antique script, You start the tasks in the centre of the screen and can shoot or move in one of eight directions. Each screen consists of an appropriate graphical backdrop, depending on the task, and plenty of shooting.

These backdrops are graphically very good, as are the large, but fairly detailed and well animated sprites. The sound isn't so hot though, consisting of little more than a few 'byoos' when you fire.

On some screens you not only shoot anything that moves, but you have to pick things up as well. On others it's a simple case of blasting to survive and on a couple the nasties actually fire back!
You have a bonus at the start of a task which is 'hit' related - 10 points are deducted from the bonus whenever you miss something with a shot, so you have to be accurate. If any bonus exists at the end of a task then it will be added to your score.

## mushrooms.

The longer he takes to deliver a tape the more people he hasto make dance before he can deliver the next one. This is made even tougher by some of the inhabitants of the town who

## Streetwise guide to Funky town folk

TONE DEAF WALKERS wear black and white stripes and travel at the sarme speed as you if bumped into they vandalise vour blaster,
BANDITS OF THE BEAT have spikey hair and big lips and travel as last as vou They'll steal your tape if they catch you.
THE PSYCHO KILLER has an enormous spikey hair-do and travels slower than you if he gets to you, you've had it.
GANGSTERS OF THE GROOVE move much slower than you but
blend in with the other inhabulants of the town. They II also steal your tape if they get close. JUMPING JACK FLASH wears black and white stripes and flashes. If you can collide with him he transports you to a tapeo Interdisc, depending on whici vou need
BUSTY BLOND appears once you've delivered several tapes and also ends your game if tamped into with the line she loved to lave you baby'(1)

The seven tasks

1. Survive a night alone in the valley of the zombies. The sun sets behind the castle in the hills and hordes of mortified looking zombies mill out from the sides of the screen. Shoot as many as possible and stay alive before the sun rises.
2. Slay the Wizard of Dabbit Wood. A fairly effeminate wizard materialises at a random point on screen, fires at you and then dematerialises, leaving you little time to destroy him.
3. The four sacred statues from Vampire Mountaith are randomly placed on screen in front of a bats cave. Quickly collect them, avoiding or shooting the bats that attempt to stop you
4. Wipe out the devil worshippers: of the Temple of Demons. Evil monks come out from the edges of the screen onto an impressive Stonehenge style backdrop, firing in all directions in an attempt
to kill you. Shoot a certain number of monks to move on to the next level.
5. Destroy the ancient spirit stone of the Runes of Tygorth. It appears on screen as a smail object guarded by large numbers of spirits.
6. Steal the five ritual skulls from the village of the Northern Barbarians. Walk around the screen and try to locate the right five out of the many placed randomly about. Avoid or shoot the vicious Barbarians before they shoot you.
7. Your final task is to get to the wedding ceremony at the Castle of the Birdmen. The entrance into the castle is blocked by aggressive birds that kill on contact. Shoot and avoid the birds and sneak into the castle doorway to take the Princess's hand in marriage - aht.




## Play THE GAME everyone's talking about:

## ABUSTERS

## 13 and you have bee

 ron 617 . Your missig pat power dams of th nbusters is the latest us Gold, a cross bet ator and an arcade-: g game that requires. re you put fingers to ick).ot only do you pilot take on the roles of ner, bomb aimer, n ineer, and seconde ladron Leader optio pritoring the status a ew! As you can see ur wits aboutyou. Each of these option

vant number betw also have the cho n (starting near th action), Flight Li be English Channe r (taking off from) ubstantial accom tial reading if you here. In addition uctions, it include ing documents, aft and other ade
raphics add to the ts below, search and splashes ifye it is a very comple nstantly be on the inking ahead top eer youclear of aintaining the co ind speed of your. It will take a whr what and the spes required for varios. perservere youk satisfying game.

## Graphics: ****

 Sound: **** Playability:*** CCI Rating: *** Company: USC Industrial Estale Birmingham ${ }^{T}$

It' 21.15 hours on the evening of May I6th, 1943. A filght of specially prepared Lancaster bombers is leaving EA. A. Scampton for Germany.
Aftar months of planning No. 617 Squadiron areat last embarking on an operation destined to change the course of World War II
Your objective is to destroy the Mohne, Bder and Sorpe dams, thus orippling Germeny's industriai hesrtiand
This detailed and suthentic simulation allowayou to play the partol PILOT, FAVIGATOA, FRONI GUINER, HRAR GUNNEB, BOMB ANEER and FLIGHT ENGIEBER.
You dy at low altitude over Europe, on the lookout for deadly MELIO niehttifhters, dodging barrage balloons, searchlighte and nak At the target you'll need all your nerve and skill to control the airoraft and release your deadly payload whilst under enemy attaok:

 indicarors.
Game Package includes: Comprehensive nightinstructions, maps and confidential documents including authentio material by Barnes Wallis and Wing Commander Guy Gibson.
Designed and Developed ly Sydaey Development Corporation Lioensed in coufunction with Intarnational Computar Groung Munufscturnd in the


# -ONAN 

US Eold/Datasaft, $£ 14.95$ diak, jaystick only.

## Seven scraens of platform action

The latest addition to US Gold's 'Famous Faces' range puts you in the surreal world of the film character, Conan the Barbarian. In a similar fashion to Bruce Lee you have to work your way through various platform screens to seek and destroy the villainous Volta.
On each of the seven screens there is an exit. On the first two screens it is clearly marked and all you have to do is run and jump your way to it. After level two you start having to collect gems and put them in their hold-
ers before being able to go out of the screen. Sometimes a door may unlock or something may appear that you can ride on which will take you to the exit.
The first few screens of the game are reasonably easy, but later on the going gets very tough as you have to ride on bubbles and destroy dragons. On levels six and seven there are Van Der Graff generators and stars which need to be struck with your sword before turning into gems.

You have three men and ten swords at the start but you have a chance to earn more of these
 Conan has to get from the top right to the bottom for using the water and the spikes though laders. Watch out

## (aways theught

 Conan was bige strong and erude unnill sam the 'spmites' usedin this gamie: sinall, trickery and crudewell at lest ther Mellat lesstchey got somberting righth /ise game itself wasn to lot berrexthan the graothics à tairly run of the mill platlom game with lachy controls and nothing to bring rue back for more, osher iffian to witte this comment,

on later levels. You can do this by picking up the swords lying around and catching the friendly bird which flaps about the more inaccessible part of the screen.

The graphics are pathetic they wouldn't go amiss on a 1982 game. Indeed, they appear to have been designed by a ZX81 graphics programmer, as the main character features an annoying flicker. The sound is disappointing too: the actual notes are great but the voices used are unimaginative, reedy and grating.

Animation is appalling Conan looks more like a 70 s trendy: he's wearing bell ends and has long hair. The various

There are various wicked creat ures which lust after Conan's blood There also exist some traps in which Conan can lose a life.
BAT: this flaps about and follows a distinct pattern. Earn 750 points by killing it with your sword.
DRAGONFLY: The same as the bat with similar score.
LEAPERS: These drop from the screen and wander down to the bottom of the screen. Kill 'em and you'll get 1,000 points apiece.
DRAGON: Flaps up and down the screen and must be destroyed for you to continue. You also get a meaty 2,500 point bonus for each one destroyed!
EYEBALLS: These chase you about and have to be dealt with like the dragons. They too are worth 2,500 points.
CRAWLY THINGS: No, not Oric owners - scorpions and the like. They cannot be destroyed but must be jumped over. They kill you on touch so don't go near them.
POOLS, LAVA and SPIKES: Jump these and don't fall into them.
nasty creatures trundie about with hardly a pixel moving and the scenery is drab with few colours and details.


## PRESENTATION

$76 \%$, instructions but individuà screen foa ding is ancroying. GAARHICE
$380 \%$ Terrible main character - and unimpressive enemies. EDMNI:

VALUE FOA MONEY
320 Can'r rigure our whyit's
Can'r figure our whyy it's
only dist-based and for this
only disk-based and for this
type of game it's overpriced.


Welcome to the world of Hamish Pupkin, Naples Yertz, Hooseby Nurd and Melvin Lugby. These intrepid nurds all have propellors screwed to their heads and are constantly in search of food for their rumbling nurd-guts.

You control one of the four nurd brothers and have to negotiate 50 rooms of obstacles picking up food on the way. Each room is about four screens large, the screen scrolling to follow the action.

In each room you have to collect four pieces of food - nurds eat anything that doesn't glow - before you can move onta the next room. The rooms come in five levels of ten, the last level only being accessible through a codename gained from the previous four.

You control your nurd in two main ways, walking around and flying using the propelliors on his head. There are limitations on the flying - you can propel
on the flying - you can propel

# WHIRLINURE <br> US Gold/Sydnay, E9.95 cass, E14.95 diak, joystick only <br> eOO acrean playing araa collect-and-dodge game 

TThe advertising for this game may lead you ta believe that it's the greatest 3D naval battle since Beach Head. Well, it isn't.

Operation Swordfish puts you in command of a submarine with the task of destroying the allied invasion fleet before it attacks the Mediterranean coast. Your sub is slightly crippled: it can't dive, only submerge slight-

Iy, so you have to fight off the enemy on the surface.

There are two types of enemy: planes and boats. Boats fire at you and drop depth charges. Planes drop torpedoes and also fire at you. If any of these hit you they will add to your damage factor, too much and your sub will sink for good.
You have two options to fend them off: a machine gun on the
top of the sub and torpedoes under water, each controlled by a different screen - you have to quickly switch from one screen to the other so you can dispose the allies before they sink you. The machine gun gets rid of the advancing planes and the torpedoes destroy the ships which move back and forth across the screen.
When you're in torpedo mode
you have a cursor under your control. Move the cursor over a slow moving ship and fire: boom, glug glug. Shooting down planes is a bit more fun. Your gun can move left and right. Pulling back on the joystick raises the gun and pushing forward lowers it. Firing a steady stream of bullets towards a plane usually brings it down.
That's it. . . it's all you have to

## ロ-FRATION EWORDFIEH

Britiah Software, 29.95 case, 211.95 disk, joystick with keys.
Diseappointing two-screen shmup

| PREEENTATION | QFIEINALITY |
| :---: | :---: |
| 59\% <br> Simple instructions pfus patriotic titie screen. | 22\% <br> A poor imitation of Beach Head. |
| C-AFMLCS | MOCKARMLTY |
| $58 \%$ ( $\begin{gathered}\text { Nice graphic bsckground } \\ \text { and planes but nowt else. }\end{gathered}$ | $44 \%$ <br> to boredom |
| S0YN0 | LAETAEILTTV |
| $24 \%$ Wheevee ... sp/opl | $29 \% \text { The same old boats and }$ |
| YAMUE FOR MONEY |  |
| $19 \%$ \% $\begin{aligned} & \text { Rotten price for a very } \\ & \text { simplegame. }\end{aligned}$ |  |



## Nasty nurd nobblers

These are the enemies to avoid: SLINKY SNAKES: move horizantally, reverse when they hit obstacles, lethal to touch
JUMP BUGS: move in unpredictable patterns, lethal to touch
BUG EVES: fotating eycballs, move vertically. reverse when they hit obstacles, lethal to touch: GLOBS: move similarly to jump bugs, lethal
SPIUNNIKS; litile wriggling potatoes, follow patterns, lethal. BOUNCING BABY BILLIARD BALLS: appear singly (may not be lethal) or in lethal hordes generated by BLOPPERS and sucked upagain by ANTI-BLOPPERS: NIPPLE OF DEATH: pulsating spike, lethal
BLINKING BONKERS: regularly appearing and disappearing force walls, Jethal
KILLWALLS: nan-moving obstructions which are still lethal.
upwards from solid ground, but as soon as you release the firebutton you drift back down again - your propellor can't be restarted in mid-air. The only way you can reverse a downward drift is by using a 'retroboost' jet, but you are limited to fust one of these per room (unless you find a 'blast mat' which gives you another). This adds greatly to the difficulty of dodging the various enemies.
Your nurd initially appears in a synthetic wafer-aided ectoplasmic sludge bubble', but
after that he's in constant danger. There are lots of giowing obstacles that, if touched, will cause his head to fly away (under auxiliary nurd power supply'l) or he may starve if you don't get him to food in time.
You can have up to four different nurds with three lives each, an extra one being awarded after each completed room. The fifth level is filled with the Ultimate Feasts but it's incredibly tough even before then.
There's a monotonous tune that plays during the game with the occasional nice sound effect. The graphics are mostly plain although the monsters and obstacles are detailed.


BW


| an | INALITY |
| :---: | :---: |
|  | 77\% |
| GRAPHICS | HOOKABILTY |
| 58\% |  |
| EIUND | LASTABILITY |
|  |  |

$850 / 0$ oisappointingly doesn'tlive
up to the instructions, but it's toingh.


# JONAHEARRINETENPE GCNAEH 

Now Ganeration, $\mathbf{E 7 . 9 5}$ cass, joyetick or keya
Osports aimulation with speech

Tennis has moved from the early days of Pong to the realism of Matchpoint and On-Court Tennis and now squash has done the same.
The game gives you the view a spectator would have from behind and above the court where the two players are. You can play against the computer or another player or even put the game into demo.
The players are animated

quite well with even the sweaty creases in the shirts moving around. However they don't run too convincingly and don't respond to diagonals on the joystick.
The ball can be put on one of four speeds with red being the easiest. At this speed the computer gives a good game while on a yellow fast ball it is incredibly mean.
You hit the ball just by pressing fire and if you're close enough to it, it is automatically hit. The timing of the stroke can determine the speed and angle of the ball, there being six angles possible.
All the usual rules of squash apply with obstructions and outs, You cam play one, three or five game matches with the winner of each having to reach nine points.
The score is constantly called by Jonah Barrington and the quality of the speech is pretty

good too, although it does sound a little muffled. Just like he's speaking through a a pane of glass, which he is of course.
There isn't much colour with the players wearing white and yellow but the ball is black and big enough to see easily.

## BW

| PREBENTATIDN | QAIGINALTY |
| :---: | :---: |
| $76 \% \% \begin{aligned} & \text { Yourretold alf the evies of } \\ & \text { squasst and the spaech is } \\ & \text { goad. }\end{aligned}$ | $50 \%$ our usval cop-out sports |
| GRAPHICS | HODKAEILITY |
| 61\% Reasonable animation but squash court | $71 \%$ starting opponent and control is easily fearnt. |
| BCUND | LASTABILITY |
| $64 \%$ | 70\% The computer skill level gets reafly tough and two players is fun. |




## Trouble In Store for Herbert

Spectrum 48K $£ 9.95$
Commodore 64 £9.95
Amstrad CPC $464 £ 9.95$



## - Massive 250 sorsan robot factory to explors Devious puzzles, classy graphics, long challenge

though standingstatic may have mysteriaus purposes later on in the game. Large ELECTRICITY GENERATORS, a NUCLEAR REACTOR and its ENTRANCE ROOM are just a few of the highly deadiy locations.
Some rooms contain odd robots which have escaped the ravishings of the aliens and are still friendly, and these will help you solve the game.
As you wander around the factory you might see an object lying around. Move over it and you'll automatically pick it up and it will fall into your pocket, This pocket is represented by a box on screen. It shows what you have picked up. If you'd like to examine the object more closely. press space-bar and a cursor will appear in the box. Move the cursor over the object and press fire. You will get a read-out telling you what the object actually is.
These objects have to be used to so've puzzles throughout the game, and the only way to com-

plete this game is to use all the objects. At first you will only find a few objects. But give one of these to the correct friendly robot and he will give you another object. Use this to solve another puzzle and you will gain yet another piecel Eventually after solving many puzzles you will, hopefully, be able to gain access to the Control Centre and then disable the robots.
When you start the game you are given eight lives. You can't earn any extra lives but there are supplies littered around the factory which you can pick up to prolong your current life.
The main cause of death for your man is suffocation. Throughout the factory there are thousands of pieces of razor sharp SWARF floating around randomly. You have to shoot this flying debris: if you touch it it will make a leak in your space suit. This will be indicated on



## PRESENTATION

690 Unhelpfut instrictions buta
$09 \%$ nice demo.
CRAPHICS
880\% Wondertulty dotailed $08 \%$ : $\begin{aligned} & \text { screenswith some great } \\ & \text { characters }\end{aligned}$ BOUND
$40 /$ Same wakk beeping as an $44 \% \% \begin{aligned} & \text { Same weak beeping as on } \\ & \text { the Spency and a very quiter } \\ & \text { title tune }\end{aligned}$

## VALUEFOA MONEY

Q60/ One of the best aandvarks
$86 \% / 0 \begin{aligned} & \text { ane ond porteviding fols of } \\ & \text { complexily. }\end{aligned}$
screen. If you are carring some patches the puncture will be automatically fixed. When you run out of patches, though, you will start to lose oxygen.
The more punctures you have (up to a lethal maximum of 99) the faster you will lose oxygen. The faster you lose oxygen the less time your man will live, so blast that swarf Occasionally you will come across a MEGASWARF. This giant swarf will

DAIGINALITY
$78 \%$ Lots of greatideas and
HODICABILITY
$710 / 0$ Once you start craching $14 / 0 \begin{aligned} & \text { problems you cantis stop } \\ & \text { playing. }\end{aligned}$ LASTABILITY 910 This isa real toughie. 250 $91 \%$ This isa raal toughie. 250
$+$


CHICKIN CHAGE
Firebircd, se.50 case, ioystick or keys
A little French number to make Buzby blush
his is a slightly risque, but fun, addition to Firebird's growing silver range they bought it from the French and it shows.

Essentially there is only one screen although, as you will see, there is some important offscreen action. The screen is the inside of a hen-house, complete with nests, grain and door to the hen's 'boudoir'.

You control a cockerel and must do all the things that cockerels like to do: eat grain, peck at rats and worms, and um, well . . take part in the aforementioned off-screen action which you instigate by moving through the door to the boudoir after Madame hen.

While in there a jolly tune plays, and red hearts appear on screen - up to a total of ten if you wait Iong enough! Mon ami, what can zis mean? Then the cockerel staggers out (yes, literally) and must eat the grain lying around. This will give him
further vigour and speed for chasing off nasties and, er, doing other things.
humoer fram our best channel. I don't think eggs in the nests at the top of the it's gota great deal of screen (there are ten nests in alll). lastabilify since in the These must be allowed to hatch and need to be protected from the warious predators that roam the vicinity. Snakes, rats, hedgehogs, stoats and racoons are all after your pride and joy.

The snakes are the fastest of the group and are a real pain. All of these nasties can be driven off with a swift peck, but increase in number and speed as your score rises.

If all ten nests should become empty - through either all the eggs hatching or being stolen then Madame won't be too amused and will ler the cockerel have it with her rolling pin.

Occasionally a worm makes an appearance from below ground, and a hefty bonus is awarded if it's caught before disappearing.

The graphical representation of the inside of a hen-house is very good. The sprites too, are good and although large and a little blacky, effective. Another high point is the great title screen picture of a winking cockerel. The sound effects and tunes are as good as the graphics and are put to good use throughout the game.

Qh, and 1 mustn't forget the game instructions which brilliantly and humourously reflect the game's French origins. Ooh la la. Ees magnifique!


## Meet the Gang!



## ST EVER MULTI-ROLE ARCADE ADVENTURE

Includes Hit Single on reverse "Everyone's A Wally" performed by Mike Berry
Spectrum $48 \mathrm{~K} £ 9.95$
Commodore 64 £9.95
Amstrad CPC 464 £9.95


44 The Broadway, Bracknell, Berks. 0344427317

# Win a Virgin games bundle! 

## Match the pictures and you could pick up five titles, a $T$-shirt and a calculator

Here's an opportunity to get a nice fat bundle of soltware through your front door, because we're giving away FIVE big 64 titles from Virgin to no less than 20 people.

Each winner will receive a parcel containing the company's latest releases: STRANGELOOP, GHETTO BLASTER, GATES OF DAWN, FALCON PATROL II and SORCERY. And in addition, the first five winners will get a Virgin T-shirt and calculator.

Entering, as usual, is a piece of cake. Just look at the five labelled pictures (A-D). Each of these is taken from part of the cassette inlay of one of the games (numbered 1 to 5), Your task is simply to match the picture with the game.

When you've matched all four, write down the letters in the right order on the beck of a postcard or stuck down envelope and send it to us, making sure to include your name, address and T-shirt size. For example if you think Sorcery is picture B, Strangeloop A. Gates of Dawn C, Falcon Patrol II D, and Ghetto Blaster E, write: B,A,C,D,E

Send your entry to: Virgin Competition, Zzap! 64, 1 Church Terrace, Yeovil, Somerset BA20 1HX. (You can include this entry with other mail or competition entries, provided it is on a separate card or envelope, and is marked with your name and address.)

All entries must reach us before July 15 th, when we will draw out the winners from the correct entries. Only one entry per household is allowed.

## The games to match

1. SORCERY. Colourful, multiscreen arcade-adventure in which you control a flying witch and must crack some very tricky, energy-sapping puzzles Tips and a map in this issue.
2. STPANGELOOP A great siz zler of a game reviewed in this issue. Explare over 250 screens of robot factory, shooting enemies and trying to solve the puzzles which will give you access to the central control room.
3. GATES OF DAWN. Also an exploration game, and a very unusual one at that. 30 action. pilenty of locations - but what are all those mushraoms doing?
4. FALCON PATROL II. Great blasting action as you fly over a scrolling desert landscape destroying enemy aircraft. A 64 classic, firmily estalailished in our top 64
5. GHIETTO BLASTER. A great, funky titie from the authors of the Taskset classic Jammin? Rockin Rodney has to coflect music tapes, and each comes with its own foot teppping tune. See our review.



Understanding your opponents
Each person in this game has certain characteristics, which you can discover by carefully watch-
ing the comments printed on ing the comments printed on
screen as each makes his move. screen as each mazes his move.
For example, you'll notice that Doc Holliday winks a lot at Moll the barmaid when he thinks he's got a rotten hand and is trying to bluff his way out.
On the other hand Matt Dillon is consistently good and does all sorts of things to fool you, Once you get the swing of the game you can have a really mean game of poker and bust the players of all their money which is great fun!
Gumshoe Gary has two pairs: sevens and threes. and will definitely raise the bidding.


The round continues with each player either raising the stakes (by 8 dollars a time), throwving in their hand or asking to see the others' hands (and matching the current stake). This is where you find out who really has guts.

When no one wants to raise any higher, all the hands still in the game are revealed and the highest combination takes the pot,

"20 "EAMEING IS BAD

# How to squeeze an arcade into your 64 


#### Abstract

The trouble with arcades is there's a limit to how many 10p pieces you can keep pushing down those greedy machines' throats. Owning a 64 can put paid to such problems. There are a stack of excellent arcade clones available on the 64, the cresm of which are detailed on these pages by arcade fanatic JULIAN RIGNALL. Although JR can recommend any of these tities, he's also rated them on their graphics, sound and on how well they resemble their arcade 'big brothers'.


## CYBOTRON

Anliog. E7. 95 sass, one or nyo jaysticks
This superb clone of Ruboiron 2084 has all the features and excitement of the Williarns original.
Vou are the CVbotron, e moutant humans, in thes not-too-distant future. Pobots have taken over the earth and are hunting down the latt remaing of the human race. It's un to you to save thern atif, while blasting the robers to kingforn come.
When you sian you are aresented with s screoh mimod with robols, yout Cybolion, and towit humens wandering about. Pick up the humans by runining ovet them and blast the robors, while avoiding the obstacles /ivicred around the scruen.
You control the game using either one or two loysticks. Two gives tine arcade feel = one is used for movarment ared the other to dired your lasor stream. Using one ioystick will make the Cybo tran fire in the direction he's moving.

The graplics are almest ident ival fo. bur alightly larger than the ariginal. The high score table is excallent, with the lacility of stor$\operatorname{lig} 900$ top scorers. just like the oficitral. The sound, too, is simital to its bieger brother, wath the right sort of blazing and xupping noises.

Therecere 100 waves wh chati enge vour reflexes arad dexiarity to the utmosi, and given by wave 10 the going starts to get very mefry)

[^2]Jfinighscore: 243.000

## 5) MASSS

Pather Brothers, E2495 cartridge. joystick only.
This classic, albeit expensive amer ade coriversion, is a suparb unplementation of the video grame ariginal.
il's a tast ana furfous sidy shat-em-up is you batite vour way back througin our sular system tel resch Eart?. Youmove raund the adge of the ocreenin 3380 degree arc. Aliens sitrearn out from the centro of the screun and ot fater

levels sciral in from the edgen,
Blasl them all io progress fo a rugher wave, each wave getting more and mora difficult. After every few waves you have a chance staple (a boast your scare. Destroy as many of the non:flung aliens as possible to gel a bonus. Destroy all 40 of them and giet a special 10,000 bonks.
As you get further into the solai syetern, past Juplter and Saturn, things start really healing up with a myriact of alfens siwilling about droppineg boobtes and generally makang a nufsance of thernselves

The graphics ane faithlea to the original, and the sound is a superb renidition of Asch's Tob cola and Fugue. There aro alan ell the cartect explobere noises, and aocopins as the silina go ervet-

## - Pignall rakings- <br> Graphicas 81\%

Sound 56\%
Arcade teel $50 \%$
Acciirsey $92 \%$

## JR Whatucuse' 1.228.550

## SPACE PILOT

Anirog. 77.95 tans, Foyatick amd kers
Time fibe was a minot tith in the moades around 1882 . This vereion provides as good shaflenge and a good eld fashioned blest

Yous pilot a fighter fer which fies in any tifrection through móving clouds, blasking vartous enemy sircraí, There are five different stages, You stor by trackling the bighene fighters of Wertid Wat 1. progeess througtr the monoplanes of WWII, tha helicoptars and jets of the 70 's and 200 's and and up with the fiving saveers of 2001
Oreach leval you hove roshool

## GUARDIAN

Alligata, 57.95 cass, loystick and keys
One of the best known and most perplexing arcade games, Willlams' Dofender, is cloned in what must be the best version on any micro.

Guardian puts you ion a barren two way scrolling landscape. You have to protect eight humanojds from the six marauding weird and aggressive aliens. Using the scarnner a miniature radar scan of the planet, seek and destroy the hostiles. If you're careless enough to let all your humancids be stolen then your planet explodes leaving you in hyperspace to batule it oul with all the aliens and the very dangerous mutants.
The graphicas and sound are totally faithtul to the original machine, down to the last pixel. It ever contains seme of the bugsi You should anly play with keysthis gives incredibly realistic 'arcade feel' - ewen if ithe novicas soy that it's better to play with a joystiok!

## -Aignali ratings-

## Graphies 79\%

Sound $47 \%$
Arcade fael $96 \%$
Accuracy $98 \%$
JR highscore: 795,000

## PETCH

Anirog, 166.95 cass, joystick and keys
The cute garrie Pengo has quite a few conversions available for che 64 This version from Anirog is the best by far, and is copied down to the minutest detail.

Perth puls you in the snowshoes of a penguin who is having the misfortune of being chased afound an ice cube filted playing area, You can shant the cubes around and sling them at the pursning Snow Bees. squashing them with a satisfying 'squelch':

Thers are also three magic cubes on the plaving area: push these together in a line for a 5,000 or 10.000 point bonus. $A$ bonus is swarded for speedy disposal of the beddies and in betwean scresins while vour time banus is caloulated a set of perguins will do a littie dance for you.

Sound and graphics are identical to the arcade originsi, even if they are slightly slower. A nice tune Popcorn, plays throughout the game and doesn't become annoying.

Graphics 69\%
Sound 65\%
Arcade feel $86 \%$
Accuracy 93\%
JR highscore: 197,400

## TAPPER

US Gold/Sega, e9.95 cass, £12.95 disc. joystick and keys
The fieensed version of the fast and frantic beer-pumping, glasssliding arcocle game.
You are a barman in eherge of four bars and of course h's your jobs to keep the advancing customase happy by sliding them drinks and collact the emply glasses stid bsek to you Sounds basy? Not when there are loads of them, each gasping for a drinkt
Filling the beer glasses and slimging them down the bars to get rid of the customers is bes y on the first level, the cowboy bar, On subsequent lavels the purk bar, sports bar andi alien bar the going gets really tough with eustomars pouring through the doors.
lir between bars is a great bonus round where you have to remember which can of drink is empty after ti's been shutfied around. Guess wrang and you get soakect.

Graphics Dn this conversion are stunning. large and detalied and greatjingles play throughour.

## -Rignall ratingo

Graphics $89 \%$
Sound $76 \%$
Arcade feel $81 \%$
Accuracy $93 \%$

## JR lawscore: 111,000

## MR DIG

Microdeal, 48.00 cass. ioystick and keys
The largely uncopied Universal gatne, Mr Do, is represented heré in a reasonable conversion from Microdeal.
Although originating from Dig Dug it expands on the scemario and provides an excting and fast game. The ides is to collect alf the charries from their underground patches, of deatroy all the mansters The latter is done either by clearing tha earth under large apples causing thern to fall on your pursuers intrue Dig Dugg lashion, of by throwing a magic bafl at them. which will blow uo on contact.

Toliven ihinge up the monaters mutate into even worse things which gobble suervthing inciuding vou. Dn later sereers you have a chance to earm entra lives by hitting a specia/ menster tabel. led with a letter an itg chest. Spell out BONUS and an extra life is yours.
This Mierudeal release tan'f toh aily faithful to the atrade version, The graphics aren' too fiot in fact, but the tine is great. A variety of skall lovels make. up for the graphics
> - Rignoll ratinga -

> Graphics 61\%
> Sound 70\%
> Arcade feel $62 \%$
> Accuracy 73\%

Ji hilghacore: 568,000

## SUMMER <br> GAMES

Quicksilva/Epys $\mathrm{Et4.95}$ cass. £19,96 dish, joystick only
The eight events in this game in valve skill, patience and in one instarcos speed Some of the events are based loosely à round those in Track and Freld I and II, having the 100 m sprint from $/$ and the skeet shooling pole vault. 100 m freestyle swimining and gymnatics of ll. Added to this are high diving, $4 \times 400 \mathrm{~m}$ relay and freestyla swimming ralay
The garne doesn tscors like the arcate game but you have the optian to play eight piayers al orice and ga for those world records.
Graphically this is a mastet piece: the animation of the forthers and tho backgrounds of une Guerits are superb. Sound is great foo, chooses whith courtry you Want to be from the wealth of optnons and if you win the national onthein will be played.

This is nol essentiolly anarosde styio conversion but will appeal universally to Track and fielol lamo who like a bit of skill to chaltenge them.

## - Alignall ratings-

Graphics $91 \%$
Sound $79 \%$
Arcade feal $86 \%$
Accuracy N/A
JRhighscore: NA

## STELLAR 7

US Gold, E9.95 cass, 12.95 disk, joystick and keys
Allbough not a ime capy at the Alari arcado ctassic, Bettlezonem. this takes thie driginal game one step further
The original wector (wireframel graphics are faifntully repreduced in this game and provide an Excellerit fast end realistic 3D effect. The theme of the game is to blast as many of the atien aralt as passible botore maving onto thee rext sector There are lats of different fypes of hostile verictes radar and gun emplacements and even two sorts of flying craft which are a tor con from thes missile, saucer and two ranhs in the original.

All the craft valry in interligance, viciousness and number of shots it takes to desscoy them. When a sector is cleared a warp-gate will appear $G o$ to this and vou will bs spifited awsy to the noxa meanie inferted planet.
Tho graphioss are superb, and there's \& fantastic miesion brieting sesesion. Sound is disappoint-ing:-just e lew bleeps and bloops and an edr-wrenching noise when you are being transported Jo ampther sectar

## Graphics 22\% <br> Sound $31 \%$ <br> Arcade feel 84\% <br> Acpuracy $82 \%$

JR-dowscors: 7,100

## EAGLE EMPIRE <br> Alligate. 67.95 cass, foystick and

 ReysAnysone who frequented the are ades a few years ago will pamam bet Phoenor. This ericallent conversion to the betoy the suttion of Guardian, and is agein accur: ate lo the tiniest detail
The game puts you againsi five waves of the Eagle Empire, cllomsxing with the giam Eagle fars tesis. The firsi two soreens prement you with galawint-1yoe burós making kamikaze antacks on your cratt. The next two scrseus toak hameless at first just pges floating about the boreef. But These batch into giant eagles which swoon and attack you in horrifictashion

After this is the Great Mothership. Desiray this and mave on to the next challeriging level.
Sound is preriy disappointirg nothing like the screams and explesians of the original

Graphics $\mathrm{k} 3 \mathrm{~F} / \mathrm{Fing}$
Graphics $53 \%$
Sound $3 \% \%$
Arcadé feel $82 \%$
Accuracy BA\%
JR häghscore: 59,000

## DECATHLON

Activision, 59.98 cask E19.50 diek, jaystick omly
Although no true arcidie frank and fleere enists for them कर, thare ate some derivatives of the garme which in a woy improve umon the ofiginal theme

Activerion's Derain/un is probably the ano mout fike the grigmal ancade game. Thas is det: aritely a 'raw newer' parme - the easince is on the speed y purnove the loystick ion and fight. The faster you do the botter vou will scare in the to docalthion evenms although some of the throwing and purnping events aloo require timinisskate
Tie graphics and sound 510 centanly lar bettor thian on Dlaney Thampxon's Decalniven althoulat not as good as the mare experis ive Neisiont from Epyr ale Hesswife

Ahgratil ratinge-<br>Graphics 78\%<br>Sound 72\%<br>Arcado teal $93 \%$<br>Aceurany $N / / A$<br>Af Iowscove: 10.1958




## ardor all 64 owners who prefer games involving typed commands rather than wiggled joysticks.


ext a look at this month's disk-based adventures. I feel I can begin by saying that there's now absolutely no excuse not to buy a disk drive, other than complete, abject poverty.

Let me explain. I have just spent the last seven days in the very back of my cave. isolated from the rest of the world, doing nothing other than to play the latest release from the wonder programmers at Infocom, Hitch Hiker's Guide to the Galaxy. My verdict? Absolutely WIZARD!
Ifeel I have no choice but to tell you about it at length, even though it is vastly expensive and not yet widely available in these isles. My hope is that someone will soon rectify this situation.
Like the other Infocom games, Hitch Hiker's has no graphics. Yet it must rate as perhaps the most witty and ingenious, adventure ever. For a start it includes one of the largest vocabularies yet seen by me. Indeed its handling of words is so convincing you often feel you are engaged in genuine conversation with it. The most improbable entries you can come up with are often greeted with appropriate and sometimes hilarious responses. Type 'Kiss Ford' and it responds 'This is a family entertainment, not a video nasty:' Type a command after you've died, and it responds 'You keep out of this, you're dead.'
The descriptions of the locations and of events which take place are also brilliantly witty and perfectly capture the feel of the book on which the game is based.
Another great feature is the Hitch Hiker's Guide itself which, once found, can be used obtain useful or at least humourous information on almost any of the large number of objects and characters mentioned in the game. Even on the rare occasions when it has nothing to offer it comes up with a suitable response such as 'That section of data was destroyed during an office party last night.'
As is the case with all infocom adventures the packaging of Hitch Hikers is absolutely superb. Included in its price, amongst other things, are peril-sensitive sunglasses and pocket fluff(!).


I did not look too becoming in the peril-sensitive sunglasses, which are supposed to protect your eyes from any sort of horror by turning completely opaque at the first sign of danger . . . not the sort of thing a keen and fearless adventurer like me should wear. Mind you, throughout the game you could well do with a pair of these zany specs.

You start the adventure playing the role of Arthur Dent who wakes up on the worst day of his life with a tremendous hangover, a condition the White Wizard is not unfamiliar with after a heavy night on the Pipistrelle '56.

An aspirin, and a few more moments of exploration later and you discover that you are in the same situation as in the start of the Douglas Adams book - a bulldozer is about to knock down your house, and, more importantly, a fleet of Vogon ships are about to destroy the earth to clear the way for an interplanetary highway.
Early problems include how to avoid being killed by a flying brick as your home is crushed, and how to escape the earth's destruction with your friend Ford Prefect.
A basicknowledge of the book is hel pful at this early stage, but before long the adventure takes some highly original turns and offers a series of difficult and brilliantly conceived puzzles.
One of the best involves trying to secure a Babel fish from a dispenser in the hold of one of the Vogon craft. You won't believe the deviousness of it. / don't believe the deviousness of it. Later still, by discovering and activating an improbability drive, you even.find yourself taking on the roles of other characters in the game in completely different time periods, and encountering such beings as the Bugblatter beast of Traal which is so stupid it thinks that if you can't see it, it can't see you.
Neediess to say the number of locations is vast, and the game also features a useful scoring șystem, which often gives clues as to whether you've made a giant step forward or a massive blunder.


With this game's humour, size and attention to detail, it can be only said that it is destined to become one of the all-time classics. All I wish is that someone would get a move-on and start importing it pronto, preferably at a slightly lower price!

## HITCHHIKER'S GUIDE TO THE UNIVERSE Infocom, £30 plus, import only

| Atmosphere | $\mathbf{9 7 \%}$ |
| :--- | :--- |
| Interaction | $\mathbf{9 6 \%}$ |
| Lasting interest | $\mathbf{9 5 \%}$ |
| Value for money | $\mathbf{7 4 \%}$ |


ilsoft's adventure generator The Quill is both the bane and the bounty of adventurers, allowing many more people to create them but unfortunately also allowing the odd tacky adventure to be released.

The Helm isn't one of them. It's an example of a really well put together game providing lots of humour and plenty of depth. Your quest is for the Helm of Immortality and it starts in the surroundings, most unbecoming for this wizard, of a primitive hut.
The major feature of the game is that it's full of really cute responses which alternately inflated and deflated my ego. When waiting for input the computer addressed me as a 'sylph-like cosmic being",'your absolute brillianceness' and it even said 'I patiently and eagerly await your next wondrous command, O all intelligent one.'

Now this is my sort of computer: obedient, grovelling and slave-like. My beard drooped somewhat however when asking for help or inputting words not in the vocab list. Both are met by unhelpful, if not damned impertinent replies that nearly made me choke on a bat wing.

The humour, good as it was, risked being repetitive but I found I just ignored the useless bits of text after a while. The actual location descriptions are usually quite good with coloured text but no graphics.

The game is limited to the old-fashioned two-word inputting - you have to use simple phrases like 'Tie rope' and you're just lucky if you've got the right object to tie it to.

The puzzles that have to be solved include some codebreaking and a rather obscure discovery concerning a thick fishing line.

When the program can't act on an input it has two types of response. One is where at least one word appears in its vocab list, and the other is where no words are recognised (and you get cheekily ticked off for not using the Queen's English).

It obviously doesn't match the more expensive disk-based garnes but for $£ 2.50$ I think it deserves a place in any adventurer's collection, particularly if you enjoy a really sycophantic computer doing your bidding.


THE HELM
Firebird, $£ 2.50$ cass

Atmosphere Interaction Lasting interest Value for money


his is the companion adventure to the highly amusing Helm, but although it too is written using The Quill, and has the same low price, it isn't such good value. The game is set on a submarine and features graphics and sound, although both are on the poor side. It isn't the sort of adventure that will appeal to those hardened and cynical adventurers who tackle such delights as the Infocom series. However it might well suit the younger apprentice wizards, as limited interaction and locations make it quite a simple game.

You take the role of Ed Lines (you're a journalist if you couldn't guess) and you're writing about life aboard a modern submarine. Suddenly (there's always a suddenly) you're attacked, and before you can submerge, the enemy take the whole crew. Luckily you've hidden and have remained undiscovered. Great, until you find that the sub has been sunk. Find the telex room to send a message and you'll be rescued . . . otherwise a watery grave awaits.

The game features graphics, if you can call them graphics. They're very poor indeed, created from the inbuilt Commodore graphic set. They don't add to the game

whatsoever. What is more, there is no separate text window the graphics scroll upwards with the messages.

There are sounds too. These, like the graphics, are horrible. After the opening tune the sound reverts to horrendous pings, pongs and screeches. Worse still, the noises hold up play-you have to wait for the game to go through the sound for a location every time you enter it.

The vocabulary is limited and the responses are very unhelpful - 'I can't' is the standard response for noncomprehension. For example 'Examine manual' gives 'There's writing on itl'. Following that up with 'Read' or 'Examine writing' will give the stoical 'I can' $t$ '. Getting the manual, as with all objects, result in 'OK' . . I do hate these Americanisms.

Those of you who rely heavily on the 'HELP' function will be annoyed with this adventure - 'You're sunk unless you EXAMINE things!' is the reply to every enquiry.

Certainly one which is well fitted to the $£ 2.50$ range and overall not that bad an adventure, but one that the White Wizard would recommend only to the juniors.


SUBSUNK Firebird, £2.50, cass Atmosphere
Interaction
Lasting Interest
Value for money 46\% 48\% 37\% 42\%

ow for a completely different kettle of fish in the form of Asy/um from Screenplay. This was ariginally a text-based adventure with simple graphic displays that first appeared on the ancient Video Genie and Tandy TRS80, It took place inside a maze-like lunatic asylum from which you must escape.

Now it's been released on the 64 the only thing that remains unchanged is the theme. Text descriptions, vocabulary and graphics have all been improved - especially the graphics.
The game starts inside a cell with only a bed, box and television camera for company. Close examination of the box reveals a credit card to be used for unlocking doors.
You move around the maze, not by typed commands, but by using the cursor keys. The maze is shown as a 3D into-thescreen view and the walls scroll about convincingly when turning or moving in screen. This isn't quite what the White Wizard approves of in an adventure game, but there is a fair adventuring aspect to it. Figuring out what to do with the objects found and how to use them is taxing and tricky work.
About the maze there are doors, objects (usually in boxes) and other inmates. The doors are usually locked and must be unlocked with the correct card before opening them. These doors lbad to other cells that occasionally house either an object or its occupant (all quite mad!)
Amongst the objects to be found are an axe, a bird costume (1), a bean bag (!!) and several different types of cards for unlocking doors.
There are a reasonable amount of responses (but nothing outstanding) and the vocabulary is good. There are also some wry humourous touches throughout the game. For instance, I found hacking an electrician to death with the axe proved a successful action, but doing the same thing to a hypochondriac . . . well, it did give me something of a shock!

The White Wizard found that this was one game that needed careful attention to mapping in order to get anywhere as it was easy to lost in the maze. I found the whole thing quite enjoyable but for the high import price, and I think this may appeal more to the more arcade-minded amongst yau.



More cryptic clues to tantalize you, and hopefully, help you enter deeper into your adventures. Many thanks to all those who've contributed.

Remember, I'm always waiting for those hints and tips to be sent in. No matter how trivial they may seem to you there's always someone somewhere that will benefit from their publication. Put your tips on the back of a postcard, giving your name and address, the name of the game, a clear and concise description of the problem and the solution in riddle or cryptic form.

Don"t forget to also put the solution to your riddle. Sometimes you adventurers can be so obscure, even my most amazing spells will not decipher them!

## SHERLOCK

About ten to twelve on Slater Street, Someone interesting you might meet.
For Monday night the opium den,
Can oñly bee entered by chinamen.
Basil's safe can be done,
Without him firing his nasty gun.
You won't succeed, try as you might, If opened in the broad daylight. (Kram Nosak, Wo/verhampton)

## DUNGEON ADVENTURE

The solution to getting past the carnivorous jelly is a dead loss!

## MACBETH

A carpet up a stalk is your key to south of the throne room
(Tony Treadwell, Oxford)
COLOSSAL ADVENTURE
Can't find the Pirate's treasure chest in the maze near the orange column? It's vaguely easi-north-west!

| Atmosphere | $82 \%$ |
| :--- | :--- |
| Interaction | $73 \%$ |
| Lasting interest | $75 \%$ |
| Value for money | $62 \%$ | $82 \%$ $75 \%$ 62\%



## CRYSTALS OF CARUS

Annoyed by the troublesome wraith? Get cross with him!
The answer to the riddle is a killer
THE HITCH HIKERS GUIDE TO THE GALAXY
Worried about the bulldozer destroying your house? A lie might help.
Keep getting killed by a flying brick?
What's the rush? Take time to talk, not the towe!!

## THE HELM

Well, well, well. The stork 'ee likes fish.

## CASTLE OF TERROR

Don't lose your head - pin your hopes on locking the wheel with something found in the mill.
Can't climb the stairs from the banquet hall2 - those two krights under the hall could do with a swing. (Tony Treadwell, Oxford)

## ZZRIKI

To cross the falls wave the, oops! nearly told you, 'cept er, I won't] (R Garreth, Chelmsford)

## ZORK II

Getting past the lizard head isn't that difficult. In fact it's quite a sweet thing!
The answer to the riddie is ... Well, i'd better not say directly!

## THE HOBBIT

Slow, slow, quick, quick, slow
Time your movements carefully to avoid being stung by the pale bulbous eyes.

## EUREKA (WAR TIME GERMANY)

The guards have a sweet tooth. Smaking damages your health. Get down and dig to the Anvil chorus. You can blow the bridge from underneath and the eastern side looks inviting before using it.
(Justin Bowyer, Thunders/ey.
TWIN KINGDOM VALLEY
A legendary beast can be killed with the staff.
A third place medal coloured key will rescue a damsel in distress
Following the royal dרme will bring a handy present.
(Nevil Michaels, Hull)
colossal cave
Fragile pottery needs a soft, downey landing.
A three pointed spear will open a tight lipped shellifish.
Don't be fooled by reflections when looking out af windows.
mirror can reflect the problem. ITany Treadwell, Oxford)

## HEROES OF KARN

A magician's tool and a friend will rid you of annoying spirits.
The witch has a bad case of hydrophobia.
Your friend can use a religious artefact to convert a bothersome bat. (Brandon Applebyy Sunderland)

## CLAYMORGUE CASTLE

A heavenly body is buried by the castle.
It's PLAiN to see that the walls are not all they seem.
The rats SPELL trouble, unless you do first.
Adventurers should disappear if they want to pass a mythical beast. (Mark Lewis, Worthing)

## URBAN UPSTART

Not everything that's thrown away is rubbish.
The local team have nasty supporters particularly if you're in the wrong colours.
Fish and rodent catchers aren't good for you and cheddar disagrees with you.
Civil servants just love coloured sticky stuff.
(Mirza the Wolfhunter, Streatham)


Come all who may! Trouble abounds for many who are stuck in dungeons, pits, forests or are being attacked by foul and unmentionable entities. I'm sure there's many of you out there ready to help them escape their plight.

If you'd like to help them then why not drop your name into the Wizard's clever contacts files? Many poor hobbits, elves, dwarves and even humans will be eternally grateful. All you have to do is put your name, address and titles of the games you can offer help with and send it direct to The White Wizard, Zzap! 64, 1 Church Terrace, Yeovil, Somerset, BA20 1HX Make haste! The need is great.

Remember, if you're taking advantage of any of these offers of help, you must enclose an SAE with your question.

## ADVENTURE NEWS

## What? No Doomdark?

My sources in Beyond Software reveal that the release of the 64 version of Doorndark's Revenge follow up to the excellent Lords of Midnight, may not now happen. Apparently sales of the 64 version of Midnight haven't teenas high as expected, so the conversiona, the superb sequel to the 64 could well be dropped A great piry as the White Wizard was so looking torward to playing it an his 64. Still, no point in getting toodespondent as Bevond have yet another incredibly original and anether morra in the pipelime in innoyative nue in the piperwe the form of Elrmoor is s aescrabed by Bevond as a mix of Vaithalla and Lards of Mismught with texi imput. It will have a vocabulary of around 750 words and complex input will be possible. There will be interactive charagicrs wand the ing around as in varna as used in andstaping technique os used in Midinght will feature heavny. (in fact there will be the same number aflocentions as Midnighti. Elindor is being released first of the Spectrum this summer. but should be available on the 64 nearer the end of the year-

## American

 adventure invasionUS Gold have several new releases on their recently formed label, All American Adventures.

Exodus, Uftima III, Mission Asterbid, Ulysses and the Golden Fleece, The Wizard and the Princess, and Lucifer's Realm all become part of this new set, but the bad news for disk drive-less adventurers is that they are all disk-based.
Looks like the White Wizard's disk drive will be whirring away long into the night in the coming weeks.

## Level 9's big red moon

I hear the final part of Level $9^{\prime}$ s Snewball trilogy, Worm in Paradise unfortunately isn't due for release until the late Autumn. But the good news is Level 9 have been kind enough to temporarily satisfly my cravings by releasing another slighizly-cheaper-but-in-no-way-inferior adventure in the orm of Red Moon.
The game apparently contains over 200 illustrated locations and is described by Level9 as a 'moon quest fantasy'. You must recover the Crystal of Xax from a magical castle by using your wits and magic spells. This is the first Level 9 adventure to make a notable use of magic in this form, so I'd better brush up on my incant-
ations.

## Flower power book

A new adventure called The releasedby has just been released by Addison Weley under
the Microworld farne is that il label. Its claim to with a paper back comes complete with info about back book packed with info about fairies, flowers, insects and other thinigs involved, in the game. My curiosity is aroused. A review next tirne.

## Shoot arrow, <br> kill sheriff

Adventure International UK have Robin Hood rights to produce a linked to the adventure game serfass. It will be written television Howarth lane written by Brian Wirard's faveurite the White game authorskurite adventure ics by one Tiaman with graph. the same team that programmed The excellent Grem/ans arid will be vear.
(David Mclaren, Edinburgh)
THE HULK
When threatened by ants go blind, deaf, use candle material and hold your hooter.
(Steven Brooks, Bournemouth)

## ERIK THE VIKING

Entering the church is easy if you show a little respect.
To enter the ice cave do an impress. ion of Guy Fawkes.
The dogfighters are afraid of themselves so let them see your problem. Birds of prey may be hungry today. How do you kill the dogfighters? The
86 ZZAP! 64 July 1985

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## secrets? <br> 

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- This Ltd.
- There is no link which is open to all purchasers in detail. competions 2,3 and 4 must be answered the editor of Zap in confunctonThe winners will be dect
Their decision is final.
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4. What is the second reward do, mission ar completing if
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## Bugs and cheat modes

There are special methods on some games for getting monstrous scores, and it is sometimes difficult to rule whether such techniques are legal or not Obvious cheat modes such as typing GOATS in Revenge of the Mutant Camels or RED in Zaxxan are clearly not allowed. Certain other techniques such as shooting the on-screen bonuses on the tank stage of Beach Head for a massive extra score, are fully legal. On certain other garnes I have yet to make a ruling.
It is essential therefore that if you do get scores through bugs, cheat modes or other special techniques you must SAY so, along with any other details about your scores. It is quite poss|ble your sgore will be valid. But | MUST have full details or nag-
form will be very useful.
One final word about that annoyingly popular battie-tool, the Quickshot II, which features an automatic rapid fire facility. In my view using this is wimpish. In my days at the Proxima University of Videa we were compelled to use our index fingers - ALL true video fighter use only a manual fire button. The rapid fire wimps will not be expelled from the high score tables, but from now on they MUST STATE on the entry form whether they have used this technique.

ging doubts will enter my mind A letter accompanying the


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## How to enter your challenge

1. State games and scores clearly on the form provided (or a close copyl. Vou can give fewer than four games if you wish.
2 State level achieved at the end of each game, either the wave number (if possible), rating or some indication of how far you went into the game along with the time taken to complete the game. 3. In the space provided write further details about the game which might help to confirm your score. If it's an arcade adventure then
write the percentage and if it has a time limit or bonus then state how long was left and what bonus was awarded. Other details include things like the game crashing because of the high-score achieved or whether the game resets at a certain point. Any other relevant details will be useful.
2. Post your entry to: Zzap Challenge, Zzapl 64, 1 Church Terrace,

Yeovil, Somerset BA20.1HX.
Yes, I'm ready to challenge the Zzap champion on the following games. Game. Score. Level reached ..... Time takenOther detailsGame.Score.Level reachedTime taken.
Other details
Game Score. Level reached Time taken
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$\qquad$GameScore.Level reachedTime taken
Other detailsDid you exploit any cheats, bugs or special techniques (inc. auto rapid fire) to obtain any of thesescores? (Yes/no) ... Ilf 'Yes'. give full details on aseparate piece of paper.)
I promise these scores are genuine. Signed
NameAddress
Post codeTelephone number (if poss).

## 128-split personality?

Recently I was out at the Hanover show (demonstrating Atari Colourspace on the Atari stand) and I had decent chance to check out all the latest stuff from Commodore and Atari.
The new Commodore machirie, the 128, I really don't know What to make of it ... it looks
good, zarjaz keyboard, futuristic styling, and quite a bit of memory. In 128K-mode it certainly makes up for a lot of deficiencies on the 64: the BASIC is well extended with loads of disk commands (how kozmic to be able to have a DIRECTORY without losing your programl and all the

## Beastly bits and pieces

- Anyone seen that Tir Na Nog? 1 think they should've called it 'Neil Goes Shopping* or something, because the main figure really does look a lot like Neil. I can imagine the text: 'Oh no, here's an axe, oh, really bad karma, better take it though, oh wow it's really HEAVY man.
- We've been getting stuck into The Empire Strikes Back - I've had my Star Wars arcade booth upgraded to run the new game. and it's totally zarjaz. The first bit's a fast snowspeeder ride over the surface of Hoth blasting trmperial Probots, the second bit is Attack of the Mutant Camels-in3D with bonus points for trick flying between the camel's legs, the third bit is Tie-Fighters in space, and the last bit is a demonically difficult asteroid field (and you can't shoot the asterojids! In
- Then that Darth appears to tell you just what he thinks of you and it's back around for more-of-the-same-but-harder. The speech synthesis is really excellent check out your local arcade for the conversion, it's well worth a few 10p's.
- You should check out some of the MSX stuff out of Japan ... I know the MSX tech spec is pretfy naff when compared to our own 64, but games like Rollerball. Pinball, Hole-in-One Golf and YieAr Kung Fu are being written with the sort of attention-to-detail and utter playability you'd normally associate with the arcade. (Probably because the games are being written by people like Nichibutsu and Konami who already write genuine arcade games). MSX is alright just so long as you don't ask it to scroll, but I think I prefer the good 'ol 64 somehow.
graphic commands from the old Vic Super Expander (remember the Vic?) with some sprite ones added, and a load of other commands for this'n'that.

There's also a monitor in ROM much like that in the C16/Plus 4 (which were allocated only a teeny bit of the Commodore stand ... were Commodore ashamed of them, or did they just want everyone to forget all about them and go look at the C128 instead?)
With its 280 second processor, the 128 also supports CP/M (an operating system which runs business sottware). But the main point is that can emulate the 64 totally. (Go into 64 mode and even System Reset behaves exactly as on the 64!) Sa all 64 games run without fault on the 128 - and the trouble is, are any software houses actually going to use that extra 64 K (and thus cut off the possibility of selling to existing '64 owners) or are they just going to go right
on writing 64 progs for 128 owners to run in 64 mode? Business progs may be expanded to use the extra RAM, but I think most games authors are going to stick to the 64.

So you only really end up getting the full benefit of the 128 if you're a businessman who likes the occasional 64 game, and has a genuine desire to run CP/M. Games people who want the extra RAM might be better off going for the Atari 130XE which has 128 K and costs about half the probable price of the 128 (you're not paying for a CP/M option you'll never use). Still, a lot depends on pricing ... the 128 at $£ 200$ would be really good, but if you ask much over E300 you might as well pay the extra and get the new 16 -bit Atari, the 520ST, a machine I can't wait to get my hands on you could spend a whole year just writing one game for it and still not fill up that 512 KI

## World's worst/greatest game



# JONAH. BARRINGTON'S. <br> <br> Stud dit 

 <br> <br> Stud dit}


II the speed and excitement of
championship squash is now available at your
fingertips in a game so realistic - you'll need a shower afterwards!

Written with the help of Jonah Barrington, former World Squash Champion, the game keeps to the International Squash Racquet Federation rules as far as is possible. You serve in a 3D ghass-backed court to play against your computer, or, using the game's two player option you can challenge a friend.

There are 4 le vels of difficulty, and depending how fit you are you can play 1,3 or $\$$ game matches! Check your score with the on screen display, but as your eyes are too busy watching the bail, Jonah Barrington acting as marker calls out the score for you. All this is due to a programining breakthrough that enables your computer to accurately
reproduce the human voice without any hardware
The game also incorporates a User Defined Joystick/Keys option which means that you can set your keyboard to suit you; or play with
Commodore 64 and all 48K Spectrums $€ 7.95$

So get in training for this high-powered

This is one of the most original, cute and playable games to hit the 64 this year. It features a tremendous new character in Gribbly Grobbly and lots of ingenious ideas.

Gribbly's task is to rescue, one at a time, eight baby gribblets* from the surreal landscape and place them in the safe haven of a cave. If he succeeds he tries again on a naw piece of landscape - there are 16 in all, each one much larger than the size of the screen picture which scrolls smoothly to follow the action.

Gribbly has one big foot, two bulging eyes and a big mouth. He can hop relatively safely around the ground or levitate and float about. The gribblets are located on flat stretches of land and Gribbly has to find them and pick them up. The pieces of flat land are often very small or hard to get at and can float unsupported in mid air.

Gribbly survives on his reserves of psi energy which are depleted every time he collides with one of the numerous hazards about. The jagged landscape is one of the biggest difficulties because while levitating you can run into any rough surface, trees, bushes, cans or pools of water

## Life on Blabgor

The cassette is accompanied by an extremely entertaining little booklat outtining the scenario behind the game.

The action, you read, is set on the planet BLABGOR and Blabgorians such as Gribbly have large heads and anly one foot because their large quantities of psychic.energy (obtained from a psi-bank) allow them to levitate and carry things without hands.

SEON is a mutated Blabgorian whe absorbed evil psi thoughts when setting up the psi-bank and the web was created to control this insame
being.
Needless to soy each mutation has its own moronic speciality: SEED PODS farget they can be bubbled, TOPSIES can't see and they have inferiority complexes over their lack of a brain (which is why they want to capture gribbiets). and STOMPERS blunder around falling off cliffs and drowning in pools because they think they're clever and don't trust their sense of tourh.

For once the humour of the scenario is perfectly eaptured in the actual game-play.

This game is unashamedly cute and benerits greatly from it. The scenario, control methods and characters make it tremendously original and terrific fun to play. The graphics are excellent and very distinctive and the sound effects delightful. The levels get really tough and all this combined makes a brilliant game.


Another energy-sapping danger is the triangular web which occupies large areas of the screen. However Gribbly, by careful manoeuvring over special switehes, can turn on and off sections of the web. and on some levels this is essential to open up areas of the screen. The web will also disappear completely when you only have one



Hawrann Canaultants, E7.95 ease, Javactek aisly

- Colourful, addictive arcade game of great character 16 acrolling landscape araas, axcellent contral feel

Seon is also released and he quickly homes in on you.
The layout is different for each level and finding the cave isn't always very easy. What's more the caves on later levels are tricky to get into. Interesting

landscape features like waterfalls, which you can fly through, and tall rocks also appear.
The other inhabitants of the game mutate through several stages before trying to grab a gribblet and carry it off. They start as sycamore-like seed pods floating to the ground where they turn into topsies. These are wormlike creatures with a suction cup on each end to flip end over end along the ground.
If they find a gribblet they flip it onto its back exposing its brain. After a while they turn into a chrysalis which produces a stomper. If one of these encounters an inverted gribblet it transforms into a winged creature and carries away the unfortunate gribblet.
In the first three stages of their lives you can destray the creatures with bubbles from Gribbly's mouth. In the fourth stage you can only turn round the stompers, round while bubbling a winged beast will release the gribblet it is carrying. As they fall they release a heart-breaking scream, but you can then catch them in mid air or allow them to fall safely onto flat ground-but a landing on anything else will result in its death.





ZZAP DATELINE: a morning in May. In the post: a letter from Clive Bailey of Beyond Software, taking us to task for proclaiming (in our May issue) that Colossus Chess (version 2.0 ) from CDS was 'probably' the most powerful chess program on the 64. Nonsense, says Clive. Beyond's Mychess 2 is FAR better.
Not being quite so easily persuaded, we decide to stage a grand playoff between the two contenders. Well, fairly grand.

THE RULES. Two games on a reasonably fast advanced level (1 move per minute on average) and two on a very low level (1 move per 7 seconds). Each program is to take a turn at being black and white at each level.

THE PRELUDE. Loading up the two programs, the differences in presentation are very obvious. The Mychess 3D view

## The Great Zzap

is something of a gimmick, being a lot harder to use than the 2D view. However, the program is generous enough to suggest moves for its opponent. Colossus on the other hand offers alternative input modes, (keys or cursor) and, more importantly, a much clearer insight into its thought processes, including a continually updated report on who it thinks has the stronger position, and by how much. Hmmmm ... The key thing of course is the play itself.

GAME 1. We decide to play the high level games first and let Mychess //take the advantage of the white pieces for the first game. The game is a long and
boring one in which pieces are systematically exchanged without either side gaining an advantage. Play ends in a draw, Mychess seeming happy to move its king backwards and forwards and Colossus failing to press home the advantage of a superior pawn position.

GAME 2. The second advanced game is far more interesting with Colossus taking white. It quickly evolves into an exciting and complex position, with both programs posing numerous threats. Mychess appears poised to go a full piece up with a neat pawn fork, but Colossus has an ace up its sleevel It manages to pin and then capture


# Chess Playoff! 

Mychess's queen. Having secured this massive advantage, victory is only a matter of time.

INTERLUDE. Interesting: Colossus winning one and a half points to half a point on the high level. How will Mychess /I cope with the low levels: would it avenge this humiliating defeat or be soundly beaten yet again?

GAME 3. The first low-level game puts

Colossus on white, and after the opening it instantly attacks. Mychess defends well and counter attacks. After several pieces exchanged Mychess moves in and rocks Colossus with a swift and decisive checkmatel Perhaps the honour of Mychess will be redeemed after all!

GAME 4. Althaugh Colossus has the black pieces in the final game it again attacks soon after the opening, and
again Mychess fights back, tearing Colossus wide open at the back. Mychess advances his queen deep into the Colossus 1 ranks and takes a knight, rook and several pawns. Then the coup. It lines the rook up to checkmate the king trapped behind three pawns, Colossus having completely failed to spot this most obvious of moves!

ZZAP VERDICT. Mychess /I certainly appears by farthe stronger program on lower (faster-playing) levels, winning here by a 2-0 margin. But for a higher level game, Colossus appears distinctly superior. Sorry, Clive ...


Outwitting the enemies
STRETCHES OF WATER found in some rooms are apparently un: crossable. If you try, you die. So how cto you do it? - the solution should be crystal clear.
SPIDERS' WEBS block further progress in some rooms and sig. nal lunch to an awaiting spider should you get caught in one Unless of course vou can figure out how to slip past.
FIVE KNASTV KNIGHTS patrol back and forth and are deadly to the touch - unless you can weave your way through to the end of the room.
LARGE SIABS move up and down the length of some rooms While spinning spheres move around in predictable patterns in others
BATS frequent the occasional location and must be avoided or kiled with your sword.
TOLL GATES wont lat you past uniess you leave them an object.


Your knight will bekilled by the spinning slab uniess you move. The chessboard in the top right maps out

his is one of two aardvarks | ations. to be released from Virgin this month and there's littie doubt that Strangeloop is the hotter of the two.

The game takes place within a maze of 64 locations and although this isn't as large as most aardvarks currently available it's certainly as complicated.

Your task, as a knight in not-
Each location is displayed as a 3D view into the screen with the walls bearing garish patterns and colours, giving the whole thing a 'psychedelic' look to it. Most of the locations contain, along with any objects, nasties of various descriptions.
As you move from room to room a chess board radar/map shows your position in the maze. An arrow below this map indicates the direction you are facing and it becomes important to keep an eye on this later in the game. When actually going through a doorway into another location you are presented with a great, full screen picture of yourself running through a stone doorway.

You start the game with five lives, a strength of 10,000 and a sword. Lives are lost through contact with certain nasties and strength likewise. If you should lose all five lives, or your strength should fall to zero, then your quest and game is over.

The sword can be used to fend off nasties, providing it's at the top of your inventory list. Your inventory list is a list of up to five objects currently carried, the object currently held being highlighted at the top of the list.

This object can be examined.
dropped or used in some way. Pressing the relevant key will present you with the menu of commands available. You then have a short time limit to select one of these commands for execution.

EXAMINE gives a small description of the object while DROP drops the currently held object. The USE command allows you to perform an action with the object held eg. eat, drink, pour etc. You do this by selecting the option and typing in the action you wish to perform at the bottom of the screen.
The graphics in Gates of Dawn are good, but some of the sprites lack in attention to detail. Sound
too is pretty good with some unusual effects but a grotty title screen tune.
There are several humourous touches throughout the game, mainly in the form of little messages on some of the walls. Also, eating a certain mushroom gives the very amusing effect of seeing nothing but mushrooms! Every object, every nasty, even the things in your inventory, become mushrooms and are treated accordingly!

| FEFSENTATION | QAIEINALITY |
| :---: | :---: |
| Obscure, whiheJpful instructions and no game aptions. | $75 \%$ Hightoriginal puzite and game setting. |
| GEAPMIEE | HEERKAEIETTY |
| $73 \%$ <br> Unusual 30 perspective and some good sprites. | 62\% It'sa bittough to get into as the puzzes aren'tat all abvious. |
| BruNa | LASTAE3LTY |
| $60 \%$ <br> Great corridor noise with other weind effects. | 68\% <br> The game isn't that large and may not hold your interest: |
| VAMUE FDP MENEY |  |
| $64 \%$ <br> Not as good as Strangeloop and Entornbed but still quite tough. |  |



## Bet you can'tsitstillwhen playing

Guide bouncy 'Thing' through this underworld fantasia searching for the armoury to equip himself carefully for the final encounter with the evil Toy Goblin.

Commodore 64
(2n) 51 c



Retailers don't always have everything in stock you might want, but if it is within our power to get it for you, then we will. Any of the software reviewed in this or any issue of ZZAP! 64 can be ordered using the form below - in fact any available CBM 64 software that exists we will get for you.

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# -®ローKK 

Mastertronic, $£ 1.99$ cass, loystick with kays
Large, excelient value exploration game

This is the first 64 arcade adventure to come from Mastertronic, and hopefully it won't be their last.
This particular exploration takes place within a large mansion and its surroundings. You are shown a small portion of the plan view of the playing area, which flicks to a new area when you reach the edge of a room. To the side of this is a box, displaying a map of your progress through the mansion.
Within the mansion lie several musical baxes, which you must find and use to escape. Getting these boxes is made difficult by the number of locations you need to explore, and the presence of some ghosts.
These ghosts can be disposed of temporarily by throwing an object at them You throw an object by selecting the throw option, the object you want to throw and the angle at which you want to throw it.
At the bottom of the screen a description of the current room is displayed along with a com-


## 표밉

Monarch Boftware, E9. 95 cess, joystick or koya.
Flashly-looking, lousy-playing shoot-am-up


## Graphically better?

The titie screen and moon landscape with earth in the beckground are done in tremendous high resolution, looking brilliant. until they start moving. The ridiculous jarky scroll ruins the impression entirely and the non-moverment of, the screen during the action is disappointing.

The maving sprites and the beautiful blue-green earth are well done but the playing area looks and feels very small.
and of Hope and Glory blasts out prior to loading the game and you wonder whether British software could be making a real comeback. Then you start playing the game and you know why the Empire was lost.
The scenario is the crusty old 'defend earth against the invading alien force'. Ho-hum, You are in control of a phaser turret on the moon and will face alternate waves of fighters and a mothership. There are three sectors or viewpoints of the moon's surface with the earth on the far horizon.
The fighters come in at one of
ment about how things are going - for example when you get killed by a spook, the comment is 'a ghostly death'.
Above these comments is an indication of your energy (you start with 100 units, which decreases depending upon your exertions), the number of boxes found and a decision timer.
Also scattered around the mult-room mansion are various other objects, amongst them food for keeping up your energy. Some of the food is poisoned, and you must leam from experience that which can be eaten safely.
The other items range from hot coals, torches and tables to potions, maps and keys. The keys are used to go through otherwise impassable doorways, and the maps give you a complete map of the playing area on screen. I haven't yet found a use for some of the other things though.
When you've collected all of the music boxes, you take them to the exit (marked on the map by an ' $E$ '), and play them to get free. Should your energy get to zero, through one way or another, then the game is over and your percentage is displayed.
The joystick is used in con-
function with the keyboard to control your character's movements and actions. The joystick is used mainly for mavement, and the keyboard for selecting an action to be executed.
When you wish to perform an action, such as picking up an object, you press the fire button. You are then presented with a menu of options. These include the ability to pick up, drop or manipulate an object (eat, wear or throw it). You are given a limited time in which to make any dečisions, so you need to think fairly quickly.

GP


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| 42\% \% ¢iximim |  |
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trivally plaving the game revaals a darker. madncimemer s/derhat doesn's suat $/ y$ inspire

the sectors and your view scrolis very jerkily to face them. You now control a cursor and have to blast the incoming craft. In the first wave there are 15 ships which can shoot back, depleting your 50 shields with each hit.
Your display gives you a readout of the sector, wave, ships left to shoot, energy and score, A panel also gives you messages as to your status. Once the energy falls too low you cannot rapid-fire your laser, but only in double-shot bursts.

Once the first wave is des-
troyed you jerk to another sector where a mothership (or is it a base-star from Battlestar Galactica?) has to be hit ten times in the centre. This ship fires nuclear shells which inflict heavy damage on your shields although they can be shot as well. On later waves the damage per shell increases so things get a lot harder.
The second fighter level has 25 ships and the number increases by five for each successive wave. When you do die two


The graphics promised so much but she serolfing and gatric wiay ruined the game cumpletely. The idea is dated and most players won't stand far the mind-numbing b) osting (hat it calls for. With a bit more

Cath Ghoar handscape, whar'shapognmg How Pr's sorolling UGHI Tha landswan's tumed to jelly. Oh warl. Dopi be misied by screber sinors as thisgante is a protty pear shoot-em-u2 and didn zworm-arte ef hmy haics. Anal Pin suppodsed (ra be che shaok-en wio adelien. Y AWNIII umo gination sind work this could have been a godd gane Tha programmers seem to hava gat last in the graphyo deralland produced sounsiting that far from boing an Bxample of GREA 7 Briush software is a ternble - disapporntment.
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startscrolling.

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| PRESENTATION | ORIBINALITY |
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| $63 \% \text { Great ivite screeng }$ |  |
| GRAPHICE | HODKAEILTTY |
| $74 \%$ enililiantunil they | $31 \%$ <br> Two or three games should be enough for anyone. anyone. |
| SOUND | LAETAEILLTY |
| $24 \% \text { Horrid blasting }$ | $20 \%{ }^{\text {Next }}$ |
| VALUE FOR MONEY |  |
| 18\% oh dear Sadiv below | verisising claims. |

nuclear shells zoom into the earth. This promptly idisappears, except for a two pixel line on the horizon suggesting that the bottom half is still there.

The fighters, mothership and explosions are nicely depicted but the sound effects are monotonous.

Youn top $64!$

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TOTE YOUR VOTE!
Help your favourite games into the top 64, and win a great Zzap prize package

Here's the form on which you can vote for your favourite games and help build up the nation"s best chart for 64 owners.

Basically you have a total of TEN yotes which you can allocate any way you like - you can
put them all on one game or split them between up to FIVE different games. This is the best way of ensuring that our chart accurately reflects people's preferences.

To ensure that people only enter once you MUST use the
form below. This form also allows you to predict what you think will be the top three games in the next chart. The first three people we find with the correct predictions will win a great gift package consisting of a Zzapl T-shirt and games of
your choice worth up to $£ 20$.
This is an opportunity you can't afford to pass over, so get voting. Entries to: Chart vote, Zzap! 64, 1 Church Terrace, Yeavil, Somerset, BA20 1HX.

ZZAPIG4TOP 44 VOTING TOUPON I I Am voting for the following games (up to five):
(Please write clearly)
Game (and software house)
No. votes
Name. $\qquad$
Address.. $\qquad$ .Post code. $\qquad$
The games I would like to win are (total price MUST be under
E20): $\qquad$
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My T-shirt size is $\mathrm{S} / \mathrm{M} / \mathrm{L}$
I predict the top three games in the completed chart will be:
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# ZZAPSPEAK 

The world of computer games has already spawned a language all its own, which can leave non-initiates completely baffled. So here's explanation of some of the more commonly used terms. including a few we've invented ourselves. We'll be updating this glossary with new terms as the need arises.




## Continuing the challenge

 where 'Track and Field' left off.


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[^1]:    

[^2]:    - Pigrnall flating \%

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[^3]:     Howtit
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